



# QUALIFIED PRODUCTS LIST

September 26, 2024



# QUALIFIED PRODUCTS LIST (QPL)

## Table of Contents

Spec #	Spec Description	Page #
213.02.17	BACKFLOW PREVENTER COVERS	6
214.02.01	MAILBOX SUPPORT SYSTEMS (TYPE C)	6
401.03.02	ASPHALT RELEASE AGENTS	6-8
406.02.01	PRIME COAT MATERIAL	8
408.02.05	ALL WEATHER ASPHALT COLD PATCH	8-9
496.02.02	OVERLAY SYSTEM (POLYESTER)	10
497.02.04	ADHESIVES FOR MULTILAYER OVERLAYS	10-11
497.02.05	AGGREGATES FOR MULTILAYER OVERLAYS	11-12
502.02.04b	CONCRETE PAINT	12
502.03.13b	PREFORMED JOINT FILLERS	12-14
502.03.13c	ASPHALTIC PLUG EXPANSION JOINTS	14
502.03.13d	EXPANSION JOINT SEALANT	15
502.03.13e	EXPANSION JOINT (SPECIAL)	15
502.03.19	FINE SURFACE FINISH (BONDED GROUT)	15-16
502.03.22	JOINT SEALER (ALONG EDGES OF CONCRETE BARRIER RAIL)	16-17
505.02.01	EPOXY COATINGS (FOR STEEL REINFORCING BARS)	17
600.02.01	TRENCH DRAINS	17-18
609.02.01	FAST SETTING CONCRETE PRODUCTS (NON-STRUCTURAL)	18-24
610.03.06	ARTICULATED CONCRETE BLOCK	25
613.02.01	DETECTABLE WARNINGS (ADA TILE)	25-26
616.02.01	PLASTIC FENCE FABRIC	26
616.03.01	FENCE POST BAG MIX CONCRETE	27
618.02.01	GUARDRAIL OFFSET BLOCKS	27-28
618.02.01a	GUARDRAIL TERMINAL	28-29
619.02.01a	GUIDEPOSTS (FLEXIBLE)	29-31
619.02.01b	OBJECT MARKERS (FLEXIBLE, TYPE 2)	31-33
623.02.08	SERVICE PEDESTALS	33
623.02.12c	HIGH MAST HEAD FRAME ASSEMBLY	33-34

623.02.16	DUCT SEALING COMPOUND	34
623.02.30e	LOOP DETECTOR SEALANT	34-35
623.02.37	DYNAMIC MESSAGE SIGNS	35
623.03.01	TRAFFIC SIGNALS	35-37
623.03.15	SIGN LIGHTING FIXTURES	37
623.03.22	LUMINAIRE RETRIEVAL SYSTEM	38
623.05.26	RED LIGHT DETECTORS	38
625.02.02	MARKERS (REFLECTIVE ON CONCRETE BARRIER RAILS)	38-39
625.02.03	CHANGEABLE MESSAGE SIGNS	39-40
625.02.04	IMPACT ATTENUATOR (TEMPORARY)	40-41
625.02.05	IMPACT ATTENUATOR (TRUCK MOUNTED)	41
625.02.06	ALTERNATIVE PORTABLE BARRIER RAIL	42
625.02.07	PORTABLE BEACON LIGHT SYSTEM	42
625.03.03	SIGN SUPPORT SYSTEM	43-44
625.03.04	BARRICADES	44-45
627.02.01	THERMOPLASTIC SIGN PANELS	45
630.02.01	HEADLIGHT GLARE SCREENS	45-46
632.03.05	RETROREFLECTOMETERS	46-47
633.02.01	PAVEMENT MARKERS (NON-REFLECTIVE, PERMANENT)	47-48
633.02.02	PAVEMENT MARKERS (REFLECTIVE, PERMANENT)	48-49
633.02.03	PAVEMENT MARKERS (REFLECTIVE, RECESSED)	49
633.02.04	PAVEMENT MARKERS ADHESIVE	49-50
633.02.05	LANE LINE MARKERS (REFLECTIVE, TEMPORARY)	50
635.02.01	PAVEMENT STRIPING TAPE (TEMPORARY)	50-51
641.02.01	IMPACT ATTENUATORS	51-52
642.02.02	CONCRETE PANEL WALL SYSTEMS	53-54
642.02.03	SEGMENTAL BLOCK WALL SYSTEMS	54
646.02.02	CRACK SEALANTS	54-55
646.02.04	SHEET MEMBRANE	55
646.02.05	LIQUID MEMBRANE	56
702.03.01c	CURING COMPOUND (LIQUID MEMBRANE FORMING FOR CURING CONCRETE)	56-57
702.03.01d	CURING COMPOUND (WHITE PIGMENTED, WAX BASE)	57-58

702.03.04	CURING COMPOUND (BRIDGE DECK)	58-59
702.03.05	POZZOLANS	59-62
707.03.04	JOINT SEALER (FOR WEAKENED PLANE JOINTS IN PCCP)	62
714.03.01b	COATING SYSTEMS FOR BRIDGES	63
716.03.01a	REFLECTIVE SHEETING (TYPE IV)	63-65
716.03.01b	REFLECTIVE SHEETING (TYPE V)	65
716.03.01c	REFLECTIVE SHEETING (TYPE VI)	65-66
716.03.01d	REFLECTIVE SHEETING (TYPE IX)	66
716.03.01e	REFLECTIVE SHEETING (TYPE XI)	67
728.03.02	EPOXY RESIN ADHESIVE FOR BONDING	68-73
729.03.03	PAINT MARKING MATERIAL – EPOXY	73-74
729.03.04a	PAINT MARKING MATERIAL – RAPID DRY WATERBORNE PAINT (ACRYLIC EMULSION)	74
729.03.04b	PAINT MARKING MATERIAL – RAPID DRY WATERBORNE PAINT (TYPE I, TEMPORARY STRIPING FORMULATION)	75
729.03.04c	PAINT MARKING MATERIAL – RAPID DRY WATERBORNE PAINT (TYPE II, PERMANENT STRIPING FORMULATION)	75-76
729.03.05	PAINT MARKING MATERIAL – POLYUREA	76
732.03.01	PAVEMENT MARKING TAPE (TYPE I)	76-77
732.03.02	PAVEMENT MARKING TAPE (TYPE II)	77-78
732.03.03	PAVEMENT MARKING TAPE (TYPE IV)	78
732.03.04a	PAVEMENT MARKINGS (HOT APPLIED THERMOPLASTIC)	79
732.03.04b	PAVEMENT MARKINGS (PREFORMED THERMOPLASTIC)	79-80

### *Archived Editions of the QPL:*

Past editions of the NDOT QPL have been removed from the Research Section webpages. If you need to obtain one, please use the list of archived QPLs at the back of this document to identify the exact edition(s) you require. Send your request to the Product Evaluation Coordinator at [alandrith@dot.nv.gov](mailto:alandrith@dot.nv.gov).

### *QPL Category Notes:*

- 497.02.04      *ADHESIVES FOR MULTILAYER OVERLAYS category acceptance criteria has been modified to allow consideration of completed NTPEP HFTO field testing under equivalent winter conditions.*
- 702.03.05      *POZZOLANS category acceptance criteria has been modified to now only require 1-gallon sample for verification testing.*

## General Notices:

NDOT is currently seeking applications for product evaluation in the following QPL categories:

214.02.01	MAILBOX SUPPORT SYSTEMS
496.02.01	OVERLAY SYSTEM (POLYESTER)
497.02.04	ADHESIVES FOR MULTILAYER OVERLAYS
497.02.05	AGGREGATES FOR MULTILAYER OVERLAYS
502.02.04b	CONCRETE PAINT
613.02.01	DETECTABLE WARNINGS (ADA TILE)
623.02.016	DUCT SEALING COMPOUND
625.02.03	CHANGEABLE MESSAGE SIGNS
627.02.01	THERMOPLASTIC SIGN PANELS
646.02.04	SHEET MEMBRANE
646.02.05	LIQUID MEMBRANE

If you represent a product which meets the acceptance criteria for evaluation by NDOT, please consider submitting an application for product evaluation at <https://www.dot.nv.gov/doing-business/about-ndot/ndot-divisions/planning/research/product-evaluation>.

## MASH Changes to QPL:

**12/31/19 NDOT has removed all non-MASH-16 compliant products from the following eight QPL categories:**

<u>Category Number</u>	<u>Category Description</u>	<u>Category Number</u>	<u>Category Description</u>
214.02.01	MAILBOX SUPPORT SYSTEMS	625.02.05	IMPACT ATTENUATOR (TRUCK MOUNTED)
618.02.01a	GUARDRAIL TERMINAL	625.02.06	ALTERNATIVE PORTABLE BARRIER RAIL
625.02.03	CHANGEABLE MESSAGE SIGNS	625.03.03	SIGN SUPPORT SYSTEM
625.02.04	IMPACT ATTENUATOR (TEMPORARY)	625.03.04	BARRICADES

Products in the above eight categories on the active QPL just prior to the 12/31/19 deadline date may not be purchased new after that date but can continue to be used throughout their normal service life. MASH-16 compliant devices presented to NDOT through its product evaluation program <https://www.dot.nv.gov/doing-business/about-ndot/ndot-divisions/planning/research/product-evaluation> will be considered for inclusion on future QPLs.

***If you have any questions related to NDOT's MASH-16 compliance plan or questions regarding the status of any the previously removed safety-related QPL products, please contact Tim Rudnick at 775-888-7598 or [trudnick@dot.nv.gov](mailto:trudnick@dot.nv.gov).***

# NEVADA DEPARTMENT OF TRANSPORTATION

## QUALIFIED PRODUCTS LIST (QPL)

### 213.02.17 BACKFLOW PREVENTER COVERS

Vendor Name / Address	Product Name	Remarks
Strongbox, LLC Michael Williams 2320 Meyers Ave. Escondido CA 92029 mwilliams@strongbox.com	Phone: (562) 480-7553 Cell: Fax: (760) 480-0211 www.strongbox.com	<b>SBBC-60 ALHP</b>     approved 6/14/2006
Strongbox, LLC Michael Williams 2320 Meyers Ave. Escondido CA 92029 mwilliams@strongbox.com	Phone: (562) 480-7553 Cell: Fax: (760) 480-0211 www.strongbox.com	<b>SBBC-60 ALHP I</b>     approved 6/14/2006

### 214.02.01 MAILBOX SUPPORT SYSTEMS

Vendor Name / Address	Product Name	Remarks
No Vendors at this time *** *** *** ** ***	Phone: *** Cell: Fax:	MASH-16 crash testing standards are in effect for this category on 12/31/19. Awaiting submission of qualifying products from Industry to repopulate category.    approved 12/31/2019

### 401.03.02 ASPHALT RELEASE AGENTS

Vendor Name / Address	Product Name	Remarks
Arrow-Magnolia International, Inc. Curtis Shaw 2646 Rodney Lane Dallas TX 75229 cshaw@arrowmagnolia.com	Phone: (800) 527-2101 Cell: (214) 415-3984 Fax: (972) 247-7111 www.arrowmagnolia.com	<b>Super Slick Asphalt Release Agent</b>    Dilution rate is 10:1. Expires 12/1/24. NTPEP test on file ARA-2019-04-002.  approved 7/12/2006
BG Chemical Mike Blanco 2007 Industrial Blvd., Suite A Rockwall TX 75087 mblanco@bgchemical.com	Phone: (214) 826-6822 Cell: (832) 236-8018 Fax: (214) 826-7290 bgchemical.com	<b>Loose Juice</b>    Dilution rate is 10:1. Expires 6/1/24. NTPEP test on file ARA-2019-02-010. HAVE NOT RECEIVED UPDATED TESTING INFO.  approved 3/11/2021
Brody Chemical Richard Wagner 6125 W. Double Eagle Circle Salt Lake City UT 84118 richard@brodychemical.com	Phone: (801) 963-2436 Cell: (800) 488-2436 Fax: (801) 963-2437 www.brodychemical.com	<b>Top Shelf Asphalt Release</b>    Dilution ratio is 5:1 for polymer and 10:1 for Hot Mix Asphalt (HMA)  approved 9/19/2024
ChemStation of Nevada Mark Stipek 4430 Mitchell Street North Las Vegas NV 89081 mstipek@chemstation.com	Phone: (702) 771-3455 Cell: (702) 771-3455 Fax: (702) 360-6588 chemstation.com	<b>41470C</b>    Dilution rate is 4:1. Expires 3/1/25. NTPEP test on file ARA-2020-01-020.  approved 6/11/2020

**401.03.02 ASPHALT RELEASE AGENTS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Chemtek, Inc. Joshua Rigsbee P.O. Box 14481 Research Triangle Park NC 27709 sales@pavepro.com	<b>BA-30</b>	Ready to use. Expires 12/1/27. NTPEP test on file ARA-2022-01-009.	<b>approved</b> 12/14/2022
Emulso Bill Morgan 2750 Kenmore Ave Tonawanda NY 14150 bmorgan@emulso.com	<b>AR-92</b>	Dilution rate: 1 part AR-92 to 40 parts water	<b>approved</b> 3 /20/2024
Lubrication Technologies, Inc. Scott Hommerding 900 Mendelssohn Ave. N Golden Valley MN 55427 scotthom@lubetech.com	<b>Lube-Tech Endurance HD Asphalt Release Agent</b>	Dilution rate is 10:1. Expires 6/1/27. NTPEP test on file ARA-2022-01-004.	<b>approved</b> 9 /19/2022
Meyer Laboratory, Inc. Gary Brandt 2401 NW Jefferson St. Blue Springs MO 64015 gbrandt@meyerlab.com	<b>Avalanche 2022</b>	Ready to use. Expires 3/1/27. NTPEP test on file ARA-2022-01-002.	<b>approved</b> 9 /19/2022
Meyer Laboratory, Inc. Gary Brandt 2401 NW Jefferson St. Blue Springs MO 64015 gbrandt@meyerlab.com	<b>Super Slider</b>	Dilution ratio is 10:1 Expires 7/1/28. NTPEP test on file ARA-2023-01-007.	<b>approved</b> 9 /19/2024
SoySolv Biosolvents, LLC Kyle Kure P.O. Box 470233 Cleveland OH 44114 kyle.kure@soysolv.com	<b>TackSolv</b>	Dilution rate is 30:1. Expires 3/1/26. NTPEP test on file ARA-2021-01-001.	<b>approved</b> 6 /15/2022
Tec Team, LLC Karen Price 130 Oakview Drive Monroe VA 24574 karenp@tecteamllc.com	<b>Tec-Shield RTU</b>	Dilution rate is 5:1	<b>approved</b> 3 /20/2024
Zep, Inc Logan Claycomb 600 Galleria Pkwy SE, STE 1500 Atlanta GA 30339 logan.claycomb@zep.com	<b>Zep Pinnacle</b>	Dilution ratio is 5:1	<b>approved</b> 3 /20/2024

**401.03.02 ASPHALT RELEASE AGENTS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Zep, Inc. Allen Popham 70 Riverside Drive SW Cartersville GA 30120 charles.popham@zep.com	Phone: (678) 721-4101 Cell: (770) 547-1431 Fax: (770) 386-3391  www.asphaltrelease.com	<b>BMF</b> Dilution rate is 3:1. Expires 3/1/27. NTPEP test on file ARA-2021-01-010. Product was previously under Compound Technologies, Inc.
Zep, Inc. Brain Van Parys 600 Galleria Parkway SE, Suite 1500 Atlanta GA 30339 Brian.VanParys@zep.com	Phone: (410) 370-4999 Cell: (410) 370-4999 Fax:  https://zep.com/	<b>No. 1 Asphalt Release Agent</b> Ready to use (full strength). Expires 3/1/27. NTPEP test on file ARA-2021-01-009.

**406.02.01 PRIME COAT MATERIAL**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Centennial Asphalt Co. Edgard Hitti 1201 China Grade Loop Bakersfield CA 93388 edgard.hitti@gcinc.com	Phone: (661) 591-6901 Cell: Fax:	<b>Topein-S</b> Dilute 1 part Topein-S with 3 parts water, apply 0.25 gal per sq yd and allow to break, then apply 0.15 gal per sq yd and allow to cure for 24 hours. Adjust at Resident Engineer's direction to prevent puddling or runoff.
Enviroad, LLC Troy Tindall 2601 N. Newark Street Portland OR 97217 troy@enviroad.com	Phone: (503) 595-2651 Cell: (503) 702-1236 Fax: (503) 279-2621  www.enviroad.com	<b>Earthbind Prime (aka EB-Prime)</b> Application rate of 0.50 gal/sq yd at a dilution ratio of 4:1 or 0.60 gal/sq yd at a dilution ratio of 5:1.
Ergon Asphalt & Emulsions, Inc. Mo Rahman 3901 W. Ponderosa Way Las Vegas NV 89118-3018 mo.rahman@ergon.com	Phone: (480) 252-4602 Cell: Fax:  ergonasphalt.com	<b>ePrime</b> Typ. sent ready to use. Appl. rates: 0.20 gal/yd <sup>2</sup> Prime Coat; 0.15 gal/yd <sup>2</sup> Curing Seal. If shipped as concentrate, dilute 1 part concentrate to 2 parts water. Prior to dilution, concentrate shall have a minimum 57% residue when tested to Nev. T759.
Southwest Liquid Asphalt & Emulsions Gene Chrisenbery 3750 N. Bruce Street North Las Vegas NV 89030 gene.swa@outlook.com	Phone: (435) 659-1984 Cell: Fax:	<b>Asphalt Emulsion Prime (AEP)</b> approved for a standard application rate of 0.25 gal per square yard.

**408.02.05 ALL WEATHER ASPHALT COLD PATCH**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Cold Mix Manufacturing Corporation Dario Amicucci 65 Edison Avenue Mount Vernon NY 10550 info@greenpatch.com	Phone: (718) 463-1444 Cell: (718) 463-1444 Fax: (718) 463-0292  www.greenpatch.com	<b>GreenPatch</b> approved 9 /19/2022



**408.02.05 ALL WEATHER ASPHALT COLD PATCH**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513  www.crafco.com	<b>HP All Season Cold Patch PN 34977ER</b>  approved 10/13/2011
Perma-Patch, LLC Eric Osterchrist 6123 Oakleaf Ave. Baltimore MD 21515 eric@permapatch.com	Phone: (800) 847-5744 Cell: (719) 231-2475 Fax: (410) 764-7137  www.permapatch.com	<b>Perma-Patch</b>  approved 1/11/2022
Seaboard Asphalt Products Company Shawn Campbell 3601 Fairfield Road Baltimore MD 21226 sales@seaboardasphalt.com	Phone: (410) 355-0330 Cell: (800) 536-0332 Fax: (410) 355-5864  www.seaboardasphalt.com	<b>Bond-X Green High Performance Cold Mix</b>  approved 9/3/2014
Seaboard Asphalt Products Company Shawn Campbell 3601 Fairfield Road Baltimore MD 21226 sales@seaboardasphalt.com	Phone: (410) 355-0330 Cell: (800) 536-0332 Fax: (410) 355-5864  www.seaboardasphalt.com	<b>Seaboard Bond-X High Performance Cold Mix</b>  approved 10/13/2011
SpecChem Mike LeMark 1511 Baltimore Ave. Kansas City MO 64108 mlemark@specchemllc.com	Phone: (816) 986-5600 Cell: (562) 489-9607 Fax: (816) 561-4029  specchemllc.com	<b>Max-A-Patch ACP</b>  approved 12/3/2020
The EZ Street Tom Francione 13611 S. Dixie Hwy., Ste. 430 Miami FL 33176 tom@ez.st	Phone: (305) 663-3090 Cell: Fax: (305) 663-0832  www.ezstreetasphalt.com	<b>EZ Street Asphalt</b>  approved 9/19/2022
The Quikrete Companies dba QPR Susan Holder 7322 Bonnyshire Dr. Chattanooga TN 37416 susan.holder@quikrete.com	Phone: (423) 553-6877 Cell: (901) 317-5243 Fax:  www.qprusa.com	<b>QPR</b>  approved 9/19/2022
Unique Paving Materials Corporation Frank "Skip" Rodick 3993 East 93rd Street Cleveland OH 44105 srodick@uniquepavingmaterials.com	Phone: (800) 441-4880 Cell: (216) 533-2230 Fax: (216) 341-8514  www.uniquepavingmaterials.com	<b>UPM High Performance Cold Mix</b>  approved 10/13/2011

**496.02.02 OVERLAY SYSTEM (POLYESTER)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**496.02.02 OVERLAY SYSTEM (POLYESTER)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.com	<b>Atlas Tech-Deck</b> approved 3 /13/2012
Kwik Bond Polymers, LLC Steve Frank 3491 Old Cobble Court San Diego CA 92111 stevepolymerdek@sbcglobal.net	Phone: (858) 442-8185 Cell: Fax: (858) 571-5043 www.kwikbondpolymers.com	<b>PPC-1121</b> approved 3 /13/2012

**497.02.04 ADHESIVES FOR MULTILAYER OVERLAYS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Cornerstone Construction Material Scott Bain 1150 SE Hamblen Road Lee's Summit MO 64081 sbain@ccmaterial.com	Phone: (816) 380-1082 Cell: (816) 289-4818 Fax: www.ccmaterial.com	<b>CE330 Epoxy Binder</b> Product is for High Friction Overlays (HFTO). approved 6 /8 /2023
E-Bond Epoxies Incorporated Blake Wareham 501 NE 33rd St. Fort Lauderdale FL 33334 blake@ebondepoxies.com	Phone: (954) 566-6555 Cell: Fax: (858) 571-5043 www.ebondepoxies.com	<b>E-Bond 526</b> approved 8 /29/2009
E-Chem, LLC Renee Thomas 4102 El Rey Road SE Albuquerque NM 87105 rthomas@atcepoxy.com	Phone: (505) 217-2121 Cell: (954) 789-4764 Fax: (505) 217-3721 www.e-chem.net	<b>EPX50-OVERLAY</b> approved 6 /8 /2023
E-Chem, LLC Renee Thomas 4102 El Rey Road SE Albuquerque NM 87105 rthomas@atcepoxy.com	Phone: (505) 217-2121 Cell: (954) 789-4764 Fax: (505) 217-3721 www.e-chem.net	<b>EPX50-OVERLAY FAST</b> approved 12/17/2018
Kwik Bond Polymers Gregg Freeman 923 Teal Drive Benicia CA 94510 gregg@kwikbondpolymers.com	Phone: (720) 626-6643 Cell: (866) 434-1772 Fax: (707) 746-7981 www.kwikbondpolymers.com	<b>KBP Epoxy LM</b> approved 6 /15/2022
Kwik Bond Polymers, LLC Steve Frank 3491 Old Cobble Court San Diego CA 92111 stevepolymerdek@sbcglobal.net	Phone: (858) 442-8185 Cell: Fax: (858) 571-5043 http://www.kwikbondpolymers.com/	<b>Kwik Bond PPC-HFST</b> For use in high friction surface treatments (HFST). approved 9 /21/2021

**497.02.04 ADHESIVES FOR MULTILAYER OVERLAYS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Phone: (654) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825  www.mapei.com	<b>Planiseal Traffic Coat</b>     approved 6 /15/2022
Olin Poly-Carb Solmaz Pirouz 4005 Technology Drive, Suite 1500 Angleton TX 77515 spirouz@olin.com	Phone: (330) 748-6407 Cell: (979) 480-4607 Fax:  https://olinpolycarb.com/	<b>Poly-Carb Mark 163 Flexogrid</b>  4/26/21 informed by vendor that this product is not being produced or sold in 2023.  approved 8 /29/2009
Sika Corporation Mark Aument 201 Polito Ave. Lyndhurst NJ 07071 aument.mark@us.sika.com	Phone: (952) 403-6547 Cell: (952) 250-1787 Fax:  usa.sika.com	<b>Sikadur 22 Low Mod Epoxy Traffic System</b>     approved 6 /8 /2023
Sika Corporation Mark Aument 201 Polito Ave. Lyndhurst NJ 07071 aument.mark@us.sika.com	Phone: (952) 403-6547 Cell: (952) 250-1787 Fax:  usa.sika.com	<b>Sikadur 22 Low Mod FS System</b>     approved 6 /8 /2023

**497.02.05 AGGREGATES FOR MULTILAYER OVERLAYS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Great Lakes Minerals, LLC Georgia Eusner 1200 Port Road Wurtland KY 41144 georgia@glmin.com	Phone: (703) 989-4861 Cell: Fax: (606) 834-1106  greatlakesminerals.com	<b>GRIPgrain</b>  Calcined bauxite. Company notes product is packaged in 4000# bulk bag and placed on a pallet with rain cap and shrink wrapping to ensure it stays dry.  approved 9 /20/2021
Harsco Metals LLC Norm Whinery x x x x	Phone: (870) 763-6505 Cell: (870) 549-0395 Fax:  x	<b>#8 EAF Steel Slag</b>  steel slag. Awaiting updated contact info.  approved 9 /20/2021
Kwik Bond Polymers Gregg Freeman 923 Teal Drive Benicia CA 94510 gregg@kwikbondpolymers.com	Phone: (720) 626-6643 Cell: (866) 434-1772 Fax:  http://kwikbondpolymers.com	<b>KBP Calcined Bauxite</b>  calcined bauxite.  approved 9 /20/2021
Newport Industries Ltd Head Office contact 20 Belmont Terrace, Chiswick W4 5UG London sales@newport-industries.com	Phone: (919) 522-8113 Cell: Fax:  www.calcined-bauxite.com	<b>Calcined Bauxite</b>  calcined bauxite. Tel: +44 208 742 0333, Fax: +44 208 742 0444. Awaiting updated contact info.  approved 9 /20/2021

**497.02.05 AGGREGATES FOR MULTILAYER OVERLAYS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Schmidt Construction Tom Blair x x tblair@edwclevy.net	Phone: (248) 675-0103 Cell: (248) 766-3586 Fax:	<b>#8 EAF Steel Slag</b> steel slag. Awaiting updated contact info.
		approved 9 /20/2021

Washington Rock Quarries Inc. Dale Mortensen P.O. Box Orting WA 98360 dale@wa-rock.com	Phone: (801) 884-3510 Cell: (253) 262-1661 Fax: (253) 262-1664 wa-rock.com	<b>Basalt by Armorstone</b> epoxy overlay aggregate. Available in super sacks.
		approved 9 /20/2021

**502.02.04b CONCRETE PAINT**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
No Vendors at this time *** *** *** ** ***	Phone: Cell: Fax:	<b>***</b> New acceptance criteria has been issued for category. Awaiting submission of laboratory testing from applicants to populate category.
		approved 9 /17/2019

**502.03.13b PREFORMED JOINT FILLERS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Chase Corporation Ben Shterengarts 201 Zeta Dr. Pittsburg PA 15238 bshterengarts@chasecorp.com	Phone: (412) 302-7996 Cell: (781) 332-0700 Fax: www.chasecorp.com	<b>Phyzite 380</b>
		approved 1 /31/2023
D.S. Brown Company Nolan Romans 300 East Cherry St North Baltimore OH 45872 nromans@dsbrown.com	Phone: (419) 465-8146 Cell: Fax: www.dsbrown.com	<b>V-Seal Expansion Joint System</b>
		approved 9 /19/2024
DS Brown Company Brent Toller 300 East Cherry Street North Baltimore OH 45872 brent.toller@dsbrown.com	Phone: (419) 257-3561 Cell: (801) 837-8555 Fax: www.dsbrown.com	<b>J Series Sealing System</b>
		approved 3 /15/2023
MasterSpec Materials, LLC Luisa Flores 806 Buchanan Blvd, Ste 115-294 Boulder City NV 89005 info@masterspecmaterials.com	Phone: (702) 997-8838 Cell: (505) 974-0421 Fax: www.masterspecmaterials.com	<b>RiteSeal Preformed Joint Seal</b>
		approved 7 /22/2019

**502.03.13b PREFORMED JOINT FILLERS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Polyset Company Bob Hart 65 Hudson Ave. Mechanicville NY 12118 bhart@polyset.com	<b>Phone:</b> (518) 664-6000 <b>Cell:</b> (518) 478-3256 <b>Fax:</b> www.polyset.com	<b>Ply-Seal® NV</b> approved 3 /20/2024
Polyset Company Incorporated Bob Hart P.O. Box 111 Mechanicville NY 12118 b.hart@polyset.com	<b>Phone:</b> (518) 664-6000 <b>Cell:</b> (518) 478-3256 <b>Fax:</b> (518) 664-6001 www.polyset.com	<b>Ply-Seal</b> telephone ext. 332 approved 3 /28/2011
Polyset Company Incorporated Bob Hart P.O. Box 111 Mechanicville NY 12118 b.hart@polyset.com	<b>Phone:</b> (518) 664-6000 <b>Cell:</b> (518) 478-3256 <b>Fax:</b> (518) 664-6001 www.polyset.com	<b>Ply-Seal XE Beige</b> telephone ext. 332 approved 3 /28/2011
RJ Watson Incorporated Tammy Gilbert 11035 Walden Alden NY 14004 tgilbert@rjwatson.com	<b>Phone:</b> (716) 901-7020 <b>Cell:</b> (716) 864-9122 <b>Fax:</b> (716) 901-7015 www.rjwatson.com	<b>Silicoflex</b> approved 12/7 /2000
Sunshine Industrial, Inc. Mack Hahn P.O. Box 3734 Olathe KS 66063 mackh.sunshine@yahoo.com	<b>Phone:</b> (816) 820-0035 <b>Cell:</b> (816) 820-0035 <b>Fax:</b> (913) 362-6341 sunshineindustrial.com	<b>Polytite N</b> approved 5 /7 /2015
TechStar Incorporated Steve Brown 1219 West Main Cross Street Findlay OH 45840 steve@techstar-inc.com	<b>Phone:</b> (419) 424-0888 <b>Cell:</b> (419) 408-5469 <b>Fax:</b> (419) 424-5959 www.techstar-inc.com	<b>W Seal</b> approved 4 /19/1999
Watson Bowman Acme Julie Spatholt 95 Pineview Dr. Amherst NY 14228 JULIE.SPATHOLT@WASTSONBOWMANACME.	<b>Phone:</b> (716) 225-6291 <b>Cell:</b> (508) 836-0280 <b>Fax:</b> www.watsonbowmanacme.com	<b>BEJS (Bridge Expansion Joint System)</b> approved 7 /22/2019
Watson Bowman Acme Julie Spatholt 95 Pineview Dr. Amherst NY 14228 julie.spatholt@watsonbowmanamce.com	<b>Phone:</b> (716) 225-6291 <b>Cell:</b> (508) 836-0280 <b>Fax:</b> www.watsonbowmanacme.com	<b>EMV-Seal</b> approved 9 /20/2021

**502.03.13b PREFORMED JOINT FILLERS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Watson Bowman Acme Chris Smyth / Julie Spatholt 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com / juli www.watsonbowmanacme.com	Phone: (716) 225-6291 Cell: (716) 817-5410 Fax: (716) 691-9239 <b>JEENE Structural &amp; Sealing Jt</b>	approved 8 /2 /2006
Watson Bowman Acme Chris Smyth / Julie Spatholt 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com / juli www.watsonbowmanacme.com	Phone: (716) 225-6291 Cell: (716) 817-5410 Fax: (716) 691-9239 <b>Wabo Evazote UV</b>	approved 8 /2 /2006
Watson Bowman Acme Chris Smyth / Julie Spatholt 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com / juli www.watsonbowmanacme.com	Phone: (716) 544-4620 Cell: (716) 225-6291 Fax: (716) 691-9239 <b>Wabo FS Bridge Seal</b>	approved 12/31/2019
Watson Bowman Acme Chris Smyth / Julie Spatholt 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com / juli www.watsonbowmanacme.com	Phone: (716) 544-4620 Cell: (716) 225-6291 Fax: (716) 691-9239 <b>Wabo SPS Joint System</b>	approved 7 /22/2019
Willseal/Schul International Company Nicholas Fiorilla 34 Executive Dr. Hudson NH 03051 nicholasfiorilla@schul.com	Phone: (800) 274-2813 Cell: (603) 889-6872 Fax: www.tremcosealants.com	approved 3 /20/2024

**502.03.13c ASPHALTIC PLUG EXPANSION JOINTS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
DS Brown Company Brent Toller 300 East Cherry Street North Baltimore OH 45872 btoller@dsbrown.com	Phone: (801) 928-7123 Cell: (419) 257-3561 Fax: (419) 257-2200 www.dsbrown.com	approved 6 /5 /1997
Watson Bowman Acme Chris Smyth / Julie Spatholt 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com / juli www.watsonbowmanacme.com	Phone: (716) 225-6291 Cell: Fax: (716) 691-9239 <b>Wabo Expandex</b>	approved 12/5 /2011

**502.03.13d EXPANSION JOINT SEALANT**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**502.03.13d EXPANSION JOINT SEALANT**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Sika Corporation Mark Aument 201 Polito Avenue Lyndhurst NJ 07071 aument.mark@us.sika.com	Phone: (952) 403-6547 Cell: (952) 250-1787 Fax: usa.sika.com	<b>Sikasil 728 RCS</b>     approved 10/15/2014
The Dow Chemical Company Jason Sika 12081 West Alameda Parkway #421 Lakewood CO 80228 jason.sika@dow.com	Phone: (989) 496-3833 Cell: (303) 880-9614 Fax: www.dow.com	<b>DOWSIL 890-SL Silicone Sealant</b>     approved 4 /22/2002
The Dow Chemical Company Jason Sika 12081 West Alameda Parkway #421 Lakewood CO 80228 jason.sika@dow.com	Phone: (989) 496-3833 Cell: (303) 880-9614 Fax: www.dow.com	<b>DOWSIL 902 RCS Joint Sealant</b>     approved 4 /22/2002
Watson Bowman Acme Chris Smyth / Julie Spatholt 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com / juli www.watsonbowmanacme.com	Phone: (716) 225-6291 Cell: (716) 308-6799 Fax: (716) 691-9239 www.watsonbowmanacme.com	<b>Wabo Silicone Seal</b> Two part sealant     approved 8 /2 /2006

**502.03.13e EXPANSION JOINT (SPECIAL)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Chase Corporation Ben Shterengarts 201 Zeta Dr. Pittsburg PA 15238 bshterengarts@chasecorp.com	Phone: (412) 302-7996 Cell: (781) 332-0700 Fax: www.chasecorp.com	<b>CEVA Expansion Joint System</b>     approved 1 /31/2023
Silicone Specialties Incorporated Eric Larson PO Box 50009 Tulsa OK 74150 eric.larson@ssicm.com	Phone: (800) 888-8909 Cell: (713) 874-7017 Fax: (918) 582-7510 www.ssicm.com	<b>Dow 902 XJS Joint System</b> This is a general QPL ONLY; systems on this list will be selected for use based on project specifics. This product is permitted ONLY when specified in the contract documents as an acceptable product.     approved 4 /22/2002

**502.03.19 FINE SURFACE FINISH (BONDED GROUT)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	<b>Tammscoat Fine</b>     approved 1 /1 /2006

**502.03.19 FINE SURFACE FINISH (BONDED GROUT)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Textured Coatings of America Bill Borchert PO Box 9235 Santa Rosa CA 95405 specwestreps@aol.com	Phone: (510) 206-8030 Cell: Fax:  www.texcote.com	<b>TexCote 300 Bridge Cote</b>     approved 6 /16/2008

Textured Coatings of America Bill Borchert PO Box 9235 Santa Rosa CA 95405 specwestreps@aol.com	Phone: (510) 206-8030 Cell: Fax:  www.texcote.com	<b>TexCote XL70 Bridge Cote</b>     approved 6 /16/2008
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**502.03.22 JOINT SEALER (ALONG EDGES OF CONCRETE BARRIER RAIL)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513  www.crafco.com	<b>Crafco Asphalt Rubber</b> Type 1, 2 or 4 depends on the climate zone    approved 1 /7 /1998

Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513  www.crafco.com	<b>Deery 180</b> Type 1, 2 or 4 depends on the climate zone    approved 6 /6 /2013
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FPT Infrastructure Stacey Cleary 401 Old US 52 South Mount Airy NC 27030 stacey.cleary@FPTInfrastructure.com	Phone: (336) 466-9559 Cell: (336) 789-7259 Fax:  <a href="https://www.fptinfrastructure.com/">https://www.fptinfrastructure.com/</a>	<b>Greyseal 6690</b>     approved 3 /15/2023
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Henry Company Dean Yake 336 Coldstream Road Kimberton PA 19442 dyake@henry.com	Phone: (228) 239-3568 Cell: (610) 933-8888 Fax:  www.henry.com	<b>Calseal</b> Type 1, 2 or 4 depends on the climate zone    approved 9 /8 /1998
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Maxwell Products Incorporated Chris Robb 650 South Delong Street Salt Lake City UT 84104 chris.robb@maxwellproducts.com	Phone: (801) 972-2090 Cell: (801) 803-9281 Fax: (801) 972-5536  www.maxwellproducts.com	<b>Elastoflex 650</b> Type 1, 2 or 4 depends on the climate zone    approved 9 /30/1996
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Maxwell Products Incorporated Chris Robb 650 South Delong Street Salt Lake City UT 84104 chris.robb@maxwellproducts.com	Phone: (801) 972-2090 Cell: (801) 803-9281 Fax: (801) 972-5536  www.maxwellproducts.com	<b>Elastoflex 670</b> Type 1, 2 or 4 depends on the climate zone    approved 9 /30/1996
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**502.03.22 JOINT SEALER (ALONG EDGES OF CONCRETE BARRIER RAIL)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
The Quikrete Companies DBA QPR Susan Holder 7322 Bonnyshire Dr. Chattanooga TN 37416 susan.holder@quikrete.com	Phone: (423) 553-6877 Cell: (901) 317-5243 Fax: www.qprusa.com	<b>NxGen</b>          approved 12/31/2019

**505.02.01 EPOXY COATINGS (FOR STEEL REINFORCING BARS)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
3M Electrical Markets Division Jennifer Pratt 13011 McCallen Pass, Bldg. C Austin TX 78753 jkpratt@mmm.com	Phone: (737) 259-0765 Cell: (979) 215-4571 Fax: www.3m.com/corrosion	<b>Scotchkote 413 Fusion Bonded Epoxy Powder Coating</b> Fusion Bonded Epoxy Coating 413 - AASHTO M284 / ASTM A775          approved 10/10/2011
Akzo Nobel Lynette Drumm 20 Culvert Street Nashville TN 37210 lynette.drumm@akzonobel.com	Phone: (615) 259-2430 Cell: (248) 245-2667 Fax: (615) 255-7903 www.akzonobel.com	<b>Resicoat RB600 HKF30R</b>          approved 4 /30/2008
IFS Coatings, Inc. Robert R. Phillippi 3601 North I-35 Gainesville TX 76240 rphillippi@ifscoatings.com	Phone: (513) 448-2521 Cell: (940) 668-1062 Fax: (940) 668-1061 www.ifscoatings.com	<b>PureFlex Green, ERSS33252</b>          approved 9 /24/2018
The Sherwin-Williams Company Anthony Del Percio 1101 South 3rd Street Minneapolis MN 55415 anthony.delpercio@sherwin.com	Phone: (612) 375-7842 Cell: (612) 859-1151 Fax: www.sherwin-williams.com	<b>Greenbar</b>          approved 4 /4 /2000
The Sherwin-Williams Company Anthony Del Percio 1101 South 3rd Street Minneapolis MN 55415 anthony.delpercio@sherwin.com	Phone: (612) 375-7842 Cell: (612) 859-1151 Fax: www.sherwin-williams.com	<b>Vectrashield</b>          approved 3 /28/2017

**600.02.01 TRENCH DRAINS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
ABT Incorporated Brad Short 259 Murdock Road/PO Box 837 Troutman NC 28166 bshort@abtdrains.com	Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478 www.abtdrains.com	<b>A-67 Interceptor</b> This is a general QPL ONLY; the unit will be selected based on the specific project requirements.          approved 1 /17/2003

**600.02.01 TRENCH DRAINS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
ABT Incorporated Brad Short 259 Murdock Road/PO Box 837 Troutman NC 28166 bshort@abtdrains.com	<b>MHD</b> Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478 www.abtdrains.com	(8", 12", 18", and 24" Trench Drain Systems). This is a general QPL ONLY; the unit will be selected based on the specific project requirements. <b>approved</b> 1 /17/2003
ABT Incorporated Brad Short 259 Murdock Road/PO Box 837 Troutman NC 28166 bshort@abtdrains.com	<b>Polydrain</b> Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478 www.abtdrains.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements. <b>approved</b> 1 /17/2003
ABT Incorporated Brad Short 259 Murdock Road/PO Box 837 Troutman NC 28166 bshort@abtdrains.com	<b>XHD</b> Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478 www.abtdrains.com	(8", 12", and 18"). This is a general QPL ONLY; the unit will be selected based on the specific project requirements. <b>approved</b> 1 /17/2003
Multidrain Systems Incorporated Steve Born PO Box 7107 Statesville NC 28687 steve.born@multidrainsystems.com	<b>EconoDrain</b> Phone: (800) 433-1119 Cell: (704) 881-4064 Fax: (704) 508-1011 www.multidrainsystems.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements. <b>approved</b> 4 /6 /2004
Multidrain Systems Incorporated Steve Born PO Box 7107 Statesville NC 28687 steve.born@multidrainsystems.com	<b>MultiDrain</b> Phone: (800) 433-1119 Cell: (704) 881-4064 Fax: (704) 508-1011 www.multidrainsystems.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements. <b>approved</b> 4 /6 /2004

**609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Aquafin Alexander Gugliotta 505 Blue Ball Road, Suite 160 Elkton MD 21921 agugliotta@aquafin.net	<b>Aquafin Pavemend SL</b> Phone: (410) 920-9395 Cell: (410) 392-2300 Fax: https://www.aquafin.net/us/en	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R3 Mortar. Approved for all Districts. <b>approved</b> 9 /20/2021
Ardex LP Karen Marz 400 Ardex Park Drive Aliquippa PA 15001 karen.marz@ardexamericas.com	<b>Transportation Repair Mortar (TRM)</b> Phone: (724) 203-5000 Cell: (408) 425-3070 Fax: www.ardexamericas.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. <b>approved</b> 10/31/2013
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	<b>Atlas Pro-1 Patch</b> Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. <b>approved</b> 5 /14/2009

**609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Buzzi Unicem USA Incorporated William Krupa 100 Brodhead Road Suite 230 Bethlehem PA 18017 william.krupa@buzziunicemusa.com	<b>Phone:</b> (610) 882-4013 <b>Cell:</b> (610) 882-5013 <b>Fax:</b> (610) 868-8795  www.buzziunicemusa.com	<b>Ulti Pave3</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	<b>approved</b> 6 /28/2010
Buzzi Unicem USA Incorporated William Krupa 100 Brodhead Road Suite 230 Bethlehem PA 18017 william.krupa@buzziunicemusa.com	<b>Phone:</b> (610) 882-4013 <b>Cell:</b> (610) 882-5013 <b>Fax:</b> (610) 868-8795  www.buzziunicemusa.com	<b>UltiGrout</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	<b>approved</b> 6 /28/2010
Buzzi Unicem USA Incorporated William Krupa 100 Brodhead Road Suite 230 Bethlehem PA 18017 william.krupa@buzziunicemusa.com	<b>Phone:</b> (610) 882-4013 <b>Cell:</b> (610) 882-5013 <b>Fax:</b> (610) 868-8795  www.buzziunicemusa.com	<b>Utility Fill One Step</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	<b>approved</b> 6 /28/2010
CTS Cement Manufacturing Corp Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	<b>Phone:</b> (800) 929-3030 <b>Cell:</b> (626) 833-8838 <b>Fax:</b> (714) 379-8270  www.ctscement.com	<b>Rapid Set Cement All</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	<b>approved</b> 1 /27/1994
CTS Cement Manufacturing Corp Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	<b>Phone:</b> (800) 929-3030 <b>Cell:</b> (626) 833-8838 <b>Fax:</b> (714) 379-8270  www.ctscement.com	<b>Rapid Set Concrete Mix</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	<b>approved</b> 1 /27/1994
CTS Cement Manufacturing Corp Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	<b>Phone:</b> (800) 929-3030 <b>Cell:</b> (626) 833-8838 <b>Fax:</b> (714) 379-8270  www.ctscement.com	<b>Rapid Set DOT Repair Mix</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	<b>approved</b> 1 /27/1994
CTS Cement Manufacturing Corp Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	<b>Phone:</b> (800) 929-3030 <b>Cell:</b> (626) 833-8838 <b>Fax:</b> (714) 379-8270  www.ctscement.com	<b>Rapid Set Motar Mix</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	<b>approved</b> 1 /27/1994
CTS Cement Manufacturing Corporation Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	<b>Phone:</b> (800) 929-3030 <b>Cell:</b> (626) 833-8838 <b>Fax:</b> (714) 379-8270  www.ctscement.com	<b>Rapid Set Mortar Mix Plus</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	<b>approved</b> 9 /25/2017

**609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Dayton Superior Corporation Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	<b>Dayton Superior HD-50</b> Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Ext. 44376.	approved 9 /30/1996
Euclid Chemical Company Brian Lewis 19215 Redwood Rd. Cleveland OH 44110 blewis@euclidchemical.com	<b>EucoRepair SCC Fast</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 513-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R2 Mortar. Approved for all Districts.	approved 9 /20/2021
Euclid Chemical Company Brian Lewis 19215 Redwood Rd. Cleveland OH 44110 blewis@euclidchemical.com	<b>EucoRepair V100</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 513-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R2 Mortar. Approved for all Districts.	approved 9 /20/2021
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	<b>EucoSpeed</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 9 /23/1998
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	<b>EucoSpeed MP</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 9 /23/1998
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	<b>Express Repair</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 3 /16/2006
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	<b>Hi-Flow Grout</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 3 /16/2006
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	<b>VersaSpeed 100</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R3 Mortar. Approved for all Districts.	approved 9 /20/2021

**609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399  www.euclidchemical.com	<b>Versaspeed LS100</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R2 Mortar. Approved for all Districts.	approved 9 /20/2021
Five Star Products Inc. Ryan Taylor 60 Parrott Drive Shelton CT 06484 taylorr@fivestarpromts.com	Phone: (800) 243-2206 Cell: (203) 336-7900 Fax: (203) 336-7930  www.fivestarpromts.com	<b>Highway Patch</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 9 /30/1996
Five Star Products Inc. Ryan Taylor 60 Parrott Drive Shelton CT 06484 taylorr@fivestarpromts.com	Phone: (800) 243-2206 Cell: (203) 336-7900 Fax: (203) 336-7930  www.fivestarpromts.com	<b>Structural Concrete</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 9 /30/1996
H.B. Fuller Construction Products Dylan Bryant 1702 Kimberly Park Drive Dalton GA 30720 DL-CRR-DOT@hbfuller.com	Phone: (706) 459-3362 Cell: Fax:  www.prospec.com	<b>ProSpec BlendCrete</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R3 Mortar. Approved for all Districts.	approved 12/31/2019
H.B. Fuller Construction Products Dylan Bryant 1702 Kimberly Park Drive Dalton GA 30720 DL-CRR-DOT@hbfuller.com	Phone: (706) 459-3362 Cell: Fax:  www.prospec.com	<b>ProSpec Premium Patch 200</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R3 Mortar. Approved for all Districts.	approved 12/31/2019
Henkel Loctite Matt Yetka 2735 Paint Drive Auburn CA 95603 matthew.yetka@henkel.com	Phone: Cell: (209) 482-4488 Fax:  www.loctite.com	<b>Loctite PC9410 MagnaCrete</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 10/17/2008
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825  www.mapei.com	<b>Planigrout 712</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 9 /25/2017
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825  www.mapei.com	<b>Planitop 18</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 3 /24/2017

**609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	<b>Planitop 18 ES</b> Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. <b>approved</b> 9 /25/2017
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	<b>Planitop 18 TG</b> Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. <b>approved</b> 9 /24/2018
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	<b>Planitop X</b> Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. <b>approved</b> 9 /25/2017
MAPEI Corporation Bruce Haller 1144 E. Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	<b>Planitop XS</b> Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. <b>approved</b> 9 /25/2017
Master Builders Solutions Construction Systems Mark Aument 889 Valley Park Drive Shakopee MN 55379 mark.aument@mbcc-group.com	<b>Master Emaco S466 CI</b> Phone: (952) 403-6547 Cell: (952) 250-1787 Fax: (952) 496-6067 https://www.master-builders-solutions.co	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. <b>approved</b> 1 /3 /2002
Master Builders Solutions Construction Systems Mark Aument 889 Valley Park Drive Shakopee MN 55379 mark.aument@mbcc-group.com	<b>Master Emaco T10-60</b> Phone: (952) 403-6547 Cell: (952) 250-1787 Fax: (952) 496-6067 https://www.master-builders-solutions.co	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. <b>approved</b> 1 /3 /2002
Master Builders Solutions Construction Systems Mark Aument 889 Valley Park Drive Shakopee MN 55379 mark.aument@mbcc-group.com	<b>Master Emaco T545 DOT</b> Phone: (952) 403-6547 Cell: (952) 250-1787 Fax: (952) 496-6067 https://www.master-builders-solutions.co	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. <b>approved</b> 1 /3 /2002
MasterSpec Materials, LLC Luisa Flores 806 Buchanan Blvd, Ste 115-294 Boulder City NV 89005 info@masterspecmaterials.com	<b>RiteCrete</b> Phone: (702) 997-8838 Cell: (505) 974-0421 Fax: www.masterspecmaterials.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. <b>approved</b> 9 /24/2018

**609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>		
Phoscrete Corporation Brian Mintz 792 Northeast 40th Court Oakland Park FL 33334 brian.mintz@phoscrete.com	Phone: (561) 420-0595 Cell: (727) 944-4368 Fax: (561) 420-0599  www.phoscrete.com	<b>Phoscrete Formula 1-HC (F1-HC)</b>	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Ext.719.	approved 3/24/2017
Sika Corporation Mark Aument 201 Polito Avenue Lyndhurst NJ 07071 aument.mark@us.sika.com	Phone: (952) 403-6547 Cell: (952) 250-1787 Fax:  usa.sika.com	<b>Sikacrete 321FS</b>	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 12/28/2016
Sika Corporation Mark Aument 201 Polito Avenue Lyndhurst NJ 07071 aument.mark@us.sika.com	Phone: (952) 403-6547 Cell: (952) 250-1787 Fax:  usa.sika.com	<b>Sikaquick 2500</b>	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 12/28/2016
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax:  strongtie.com	<b>RPS-263</b>	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R3 Mortar. Approved for all Districts.	approved 9/19/2022
SpecChem Michael Lemark 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 mlemark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax:  www.specchemllc.com	<b>RepCon 928</b>	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 5/7/2013
The QUIKRETE Companies, LLC Dave Wingard 11450 Technology Circle Johns Creek GA 30097 dave.wingard@quikrete.com	Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548  www.quikrete.com	<b>QUIKRETE Comm. Grade FastSet Repair Mortar 1241</b>	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R2 Mortar. Approved for all Districts.	approved 12/10/2020
The QUIKRETE Companies, LLC Dave Wingard 11450 Technology Circle Johns Creek GA 30097 dave.wingard@quikrete.com	Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548  www.quikrete.com	<b>QUIKRETE Commerical Grade FastSet DOT Mix 1244-56</b>	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R3 Mortar. Approved for all Districts.	approved 12/10/2020
US Concrete Products Thomas Brennan 16 Greenmeadow Drive Timonium MD 21093 tjbrennan@uscproducts.com	Phone: (866) 827-8727 Cell: (410) 561-8770 Fax: (410) 561-8771  www.uscproducts.com	<b>HP Concrete</b>	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 10/22/2004

**609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426  www.usspec.com	<b>US SPEC Quickset</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 3 /24/2017
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426  www.usspec.com	<b>US SPEC SC Concrete</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R3 Concrete. Approved for all Districts.	approved 9 /20/2021
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426  www.usspec.com	<b>US SPEC STR Mortar CI</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 9 /24/2018
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426  www.usspec.com	<b>US SPEC Transpatch</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 3 /24/2017
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426  www.usspec.com	<b>US SPEC Transpatch Concrete</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 9 /3 /2014
W.R. Meadows Chris Mader 300 Industrial Dr. Hampshire IL 60140 dot@wrmeadows.com	Phone: (847) 214-2100 Cell: (224) 325-1080 Fax:  www.wrmeadows.com	<b>Futura-15-Very Rapid-Hardening Hztl. Repair Mortar</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 8 /21/2008
Western Material & Design Zach Gebhardt 101 E Walnut Street Archie MO 64725 zgebhardt@wmdus.com	Phone: (816) 380-4747 Cell: Fax:  fastracproducts.com	<b>FasTrac 246</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R3 Mortar. Approved for all Districts.	approved 3 /11/2021
White Cap Steve Morris 4350 W Teco Ave Las Vegas NV 89118 steve.morris@whitecap.com	Phone: (702) 303-9690 Cell: Fax:  www.whitecap.com	<b>Rapid Set Cement All Plus</b> Approved for all Districts	approved 6 /14/2024

**610.03.06 ARTICULATED CONCRETE BLOCK**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**610.03.06 ARTICULATED CONCRETE BLOCK**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Basalite Concrete Products, LLC James Motarex 335 Greg Street Sparks NV 89431-6295 james.motarex@basalite.com	Phone: (775) 358-1200 Cell: (775) 745-1286 Fax: (775) 359-5997 www.basalite.com	<b>UltraFlex</b> This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
		<b>approved</b> 11/18/2009
CONTECH Daniel Priest 9100 Centre Pointe Drive Suite 400 West Chester OH 43069 dpriest@conteches.com	Phone: (800) 338-1122 Cell: (513) 645-7000 Fax:	<b>Armorflex</b> This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
		<b>approved</b> 10/23/2008
CONTECH Daniel Priest 9100 Centre Pointe Drive Suite 400 West Chester OH 43069 dpriest@conteches.com	Phone: (800) 338-1122 Cell: (513) 645-7000 Fax:	<b>Petraflex</b> This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
		<b>approved</b> 10/23/2008
Shoretex Cody Colvin 510 O'Neal Lane Ext Baton Rouge LA 70819 ccolvin@premier-concrete.com	Phone: (225) 273-9600 Cell: (225) 328-0545 Fax: (225) 273-0400 www.shoretex.com	<b>Shoreblock</b> This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
		<b>approved</b> 3/23/2009
Shoretex Cody Colvin 510 O'Neal Lane Ext Baton Rouge LA 70819 ccolvin@premier-concrete.com	Phone: (225) 273-9600 Cell: (225) 328-0545 Fax: (225) 273-0400 www.shoretex.com	<b>Shoretex</b> This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
		<b>approved</b> 3/23/2009
Soil Retention Products, Inc. Nick Jansson 1265 Carlsbad Village Dr., Suite 100 Carlsbad CA 92008 njansson@soilrentention.com	Phone: (760) 966-6090 Cell: Fax: (760) 966-6099 www.soilretention.com	<b>Enviroflex</b> This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
		<b>approved</b> 8/23/2011

**613.02.01 DETECTABLE WARNINGS (ADA TILE)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
ADA Solutions, a Surewerx Brand John Stieby 323 Andover Street Wilmington MA 01887 jstieby@surewerx.com	Phone: (910) 695-5462 Cell: Fax: (978) 262-9125 adatile.com	<b>Iron Dome Cast Iron Detectable Warning Plates</b> Approved for cast iron in Patina (natural).
		<b>approved</b> 3/14/2022
ADA Solutions, a Surewerx Brand Bill Galligar 149 S. Cucumber St. Jefferson OH 44047 bgalligar@surewerx.com	Phone: (800) 372-0519 Cell: Fax: www.adatile.com	<b>Iron Dome Secure Flange</b>
		<b>approved</b> 9/19/2024

**613.02.01 DETECTABLE WARNINGS (ADA TILE)**

<b>Vendor Name / Address</b>		<b>Product Name</b>	<b>Remarks</b>	
Advanced Roadway Manufacturing Inc. Ken Nutter 1025 Blanton St Titusville FL 32796 sales@roadwaymfg.com	Phone: (800) 966-4510 Cell: (857) 996-1117 Fax: www.equaltile.com	<b>Equal Tile Cast Iron Detectable Warning Surface</b>	approved 3 /20/2024	
Detectable Warning Sysytes, a div. of Mar-Bal, Inc. Ryan West 10095 Queens Way Chagrin Falls OH 44023 rwest@detectable-warning.com	Phone: (440) 543-7526 Cell: (866) 999-7452 Fax: (904) 212-0022 www.detectable-warning.com	<b>DWS Cast Iron</b>	Approved for cast iron in Patina (natural). approved 6 /15/2022	
MetaDome, LLC Duane Sippola P.O. Box 7534 Madison WI 53707 ds@metadome.com	Phone: (608) 249-8644 Cell: (608) 692-0837 Fax: (608) 249-8922 www.metadome.com	<b>CAST-DWD Cast Iron</b>	Approved for cast iron in Patina (natural). approved 9 /20/2021	
Neenah Enterprises James Malloy 2121 Brooks Ave. #4700 Neenah WI 54957 james.malloy@groupnei.com	Phone: (503) 545-9322 Cell: (800) 558-5075 Fax: (920) 729-3661 nfco.com	<b>Detectable Warning Plate</b>	Approved for cast iron in Patina (natural). approved 6 /22/2021	
StrongGo, LLC Jennifer Rinn 3296 East Hemisphere Loop Tucson AZ 85706-5013 jrinn@stronggo.com	Phone: (866) 439-3216 Cell: (520) 547-3510 Fax: (520) 547-3515 www.stronggo.com	<b>TekWay Dome Tiles</b>	Approved for concrete panels in NV Red ONLY. approved 11/27/2006	
TuffTile, Inc. Don Kimble 1200 Flex Court Lake Zurich IL 60047 don@tuftile.com	Phone: (847) 307-3070 Cell: (425) 761-6525 Fax: (847) 550-8004 www.tuftile.com	<b>TuffTile Cast Iron Tile and Radius Wedge Tiles</b>	Approved for cast iron in Patina (natural). approved 6 /22/2021	

**616.02.01 PLASTIC FENCE FABRIC**

<b>Vendor Name / Address</b>		<b>Product Name</b>	<b>Remarks</b>	
Ferguson Waterworks Jacob Bottoms 2831 Cardwell Rd Richmond VA 23234 jacob.bottoms@ferguson.com	Phone: (804) 275-4109 Cell: Fax: www.fergusongss.com	<b>ACF Safety Fence</b>	approved 3 /20/2024	
SWM AMS, LLC Customer Service 2810 Weeks Ave. SE Minneapolis MN 55414 customer.service@swmintl.com	Phone: (800) 426-6933 Cell: (612) 623-1700 Fax: (612) 623-2500 swmintl.com	<b>Plastic Fence X05650 Series</b>	approved 10/10/1999	

**616.03.01 FENCE POST BAG MIX CONCRETE**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
CTS Cement Manufacturing Corp Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	Phone: (714) 793-1040 Cell: (626) 833-8838 Fax: (714) 379-8270  www.ctscement.com	<b>CTS 24/6 Concrete Mix</b>     approved 9 /20/2021
MAPEI Corporation Bruce Haller 1144 E. Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825  www.mapei.com	<b>Planitop 18</b>     approved 6 /11/2020
MAPEI Corporation Bruce Haller 1144 E. Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825  www.mapei.com	<b>Planitop 18 TG</b>     approved 6 /11/2020
The QUIKRETE Companies, LLC Dave Wingard 11450 Technology Circle Johns Creek GA 30097 dave.wingard@quikrete.com	Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548  www.quikrete.com	<b>Crack Resistant Concrete Mix</b>     approved 6 /22/2021
The QUIKRETE Companies, LLC Dave Wingard 11450 Technology Circle Johns Creek GA 30097 dave.wingard@quikrete.com	Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548  www.quikrete.com	<b>Fiber Reinforced Deck Mix</b>     approved 6 /22/2021
The QUIKRETE Companies, LLC Dave Wingard 11450 Technology Circle Johns Creek GA 30097 dave.wingard@quikrete.com	Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548  www.quikrete.com	<b>Form and Pour Concrete Mix MS</b>     approved 6 /22/2021
The QUIKRETE Companies, LLC Dave Wingard 11450 Technology Circle Johns Creek GA 30097 dave.wingard@quikrete.com	Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548  www.quikrete.com	<b>QUIKRETE 1101 CONCRETE MIX 80LB</b>     approved 6 /22/2021

**618.02.01 GUARDRAIL OFFSET BLOCKS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Arizona Structural Laminators Kayla Anzinger-Dillon 2000 W. Central Ave. Eagar AZ 85925 kdillon@azglulam.com	Phone: (928) 333-5501 Cell: Fax: (928) 333-4403  www.azglulam.com	<b>Glue Laminated Wood</b> For use on w-beam and thrie-beam guardrails     approved 3 /10/2004

**618.02.01 GUARDRAIL OFFSET BLOCKS**

<b>Vendor Name / Address</b>		<b>Product Name</b>	<b>Remarks</b>	
Mondo Polymer Technologies, Inc. Maggie Ellis 27620 State Rt. 7 / P.O. Box 250 Reno OH 45773 maggie@mondopolymer.com	Phone: (888) 607-4790 Cell: (740) 376-9396 Fax: (740) 376-9960 www.mondopolymer.com	<b>GB14SH1 Composite Guardrail Blockout</b>	8". For use on Midwestern Guardrail installations.	approved 12/17/2018
Mondo Polymer Technologies, Inc. Maggie Ellis 27620 State Route 7 / P.O. Box 250 Reno OH 45773 maggie@mondopolymer.com	Phone: (888) 607-4790 Cell: (740) 376-9396 Fax: (740) 376-9960 www.mondopolymer.com	<b>GB14SH2 Composite Guardrail Block</b>	8". For use on Midwestern Guardrail installations.	approved 12/17/2018
Mondo Polymer Technologies, Inc. Maggie Ellis 27620 State Rt. 7 / P.O. Box 250 Reno OH 45773 maggie@mondopolymer.com	Phone: (888) 607-4790 Cell: (740) 376-9396 Fax: (740) 376-9960 www.mondopolymer.com	<b>MGS14SH Composite Guardrail Blockout</b>	12". For use on Midwestern Guardrail installations.	approved 3 /27/2019
Mondo Polymer Technologies, Inc. Maggie Ellis 27620 State Rt. 7 / PO Box 250 Reno OH 45773 maggie@mondopolymer.com	Phone: (888) 607-4790 Cell: (740) 376-9396 Fax: (740) 376-9960 www.mondopolymer.com	<b>TB21SH Composite Guardrail Blockout</b>	Usage permitted only when creating MGS transition or repairing existing thrie-beam.	approved 4 /1 /2020
Valtir, LLC Paul Kruse 15601Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	<b>12in King MASH16 Composite Block</b>	12". For use on Midwestern Guardrail installations.	approved 12/20/2021
Valtir, LLC Adam Doyle 15601Dallas Parkway, Suite 525 Addison TX 75001 adam.doyle@valtir.com	Phone: (214) 808-9165 Cell: Fax: www.valtir.com	<b>8in King MASH16 Composite Block</b>	8". For use on Midwestern Guardrail installations.	approved 3 /11/2021

**618.02.01a GUARDRAIL TERMINAL**

<b>Vendor Name / Address</b>		<b>Product Name</b>	<b>Remarks</b>	
Lindsay Transportation Solutions, LLC Larry Savage 18135 Burke Street, Suite 100 Omaha NE 68022 larry.savage@lindsay.com	Phone: (402) 829-6800 Cell: (916) 474-9644 Fax: (402) 829-6834 www.lindsay.com/infrastructure	<b>MAX-Tension</b>	TANGENTIAL; MASH TL-3	approved 3 /27/2019
Lindsay Transportation Solutions, LLC Larry Savage 18135 Burke Street, Suite 100 Omaha NE 68022 larry.savage@lindsay.com	Phone: (402) 829-6800 Cell: (916) 474-9644 Fax: (402) 829-6834 www.lindsay.com/infrastructure	<b>MAX-Tension</b>	MEDIAN; MASH TL-3	approved 3 /27/2019

**618.02.01a GUARDRAIL TERMINAL**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Road Systems Incorporated Kaddo Kothmann 3616 Old Howard County Airport Road Big Spring TX 79720 kaddo@basin-net.net	Phone: (432) 263-2435 Cell: (432) 517-0697 Fax: (432) 267-4039  www.roadsystems.com	<b>MSKT (MASH Sequentially Kinking Terminal)</b>	TANGENTIAL; MASH, TL-3 Compliant       approved 12/28/2016
Road Systems, Inc. Kaddo Kothmann 3616 Old Howard County Airport Road Big Spring TX 79720 kaddo@baisn-net.net	Phone: (432) 263-2435 Cell: (432) 517-0697 Fax: (432) 267-4039  www.roadsystems.com	<b>MFLEAT</b>	FLARED; MASH TL-3       approved 9/17/2019
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>MATT Median Attenuating TREND Terminal</b>	MEDIAN; MASH TL-3       approved 9/19/2022
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>SoftStop</b>	TANGENTIAL; MASH, TL-3 Compliant       approved 7/2/2018

**619.02.01a GUIDEPOSTS (FLEXIBLE)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Carsonite Composites Cynthia Young 19845 US Highway 76 Newberry SC 29108 cindy.young@valmont.com	Phone: (800) 648-7916 Cell: (839) 219-1326 Fax: (803) 276-8940  www.carsonite.com	<b>Flexguard Post System</b>	Type 2; standard surface and soil/ground mount options available       approved 1/17/2013
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>FG 300 Complete Curb</b>	MASH TL-3; Type 2; standard surface and soil/ground mount options available       approved 6/19/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>FG 300 Model EFX</b>	Type 2; standard surface and soil/ground mount options available       approved 6/19/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>FG 300 Model PE</b>	Type 2; standard surface and soil/ground mount options available       approved 10/15/1999

**619.02.01a GUIDEPOSTS (FLEXIBLE)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	<b>Phone:</b> (253) 284-8000 <b>Cell:</b> (253) 284-8005 <b>Fax:</b> (253) 284-8080  www.pexco.com	<b>FG 300 Model UR</b>  Type 2; standard surface and soil/ground mount options available	<b>approved</b> 10/15/1999
Pexco, LLC Craig Schulz 3110 70th Ave. East Tacoma WA 98424 craig.schulz@pexco.com	<b>Phone:</b> (253) 284-8000 <b>Cell:</b> (253) 284-8005 <b>Fax:</b> (253) 284-8080  www.pexco.com/traffic	<b>Flexi-Guide FG 348 Ground Mount</b>  Type XI sheeting is required.	<b>approved</b> 9/17/2020
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	<b>Phone:</b> (253) 284-8000 <b>Cell:</b> (253) 284-8005 <b>Fax:</b> (253) 284-8080  www.pexco.com	<b>TSM Series</b>	<b>approved</b> 9/3/2014
SHUR-TITE Products Kaimon Ontiverios P.O. Box 965 Hutto TX 78634 kaimon@shur-tite.com	<b>Phone:</b> (512) 218-9500 <b>Cell:</b> <b>Fax:</b> (512) 388-0417  www.shur-tite.com	<b>Driveable Del</b>  Type 2; standard surface and surface/soil mount options available	<b>approved</b> 4/30/2009
SHUR-TITE Products Kaimon Ontiveros P.O. Box 965 Hutto TX 78634 Kaimon@shur-tite.com	<b>Phone:</b> (512) 218-9500 <b>Cell:</b> <b>Fax:</b> (512) 388-0417  www.shur-tite.com	<b>Shur-Tite Cable Barrier</b>  Type 2; standard surface and soil/ground mount options available	<b>approved</b> 4/30/2009
SHUR-TITE Products Kaimon Ontiveros P.O. Box 965 Hutto TX 78634 kaimon@shur-tite.com	<b>Phone:</b> (512) 218-9500 <b>Cell:</b> <b>Fax:</b> (512) 388-0417  www.shur-tite.com	<b>Surface Mt Del</b>  Type 2; standard surface and surface/soil mount options and angled mounts	<b>approved</b> 4/30/2009
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	<b>Phone:</b> (877) 843-9757 <b>Cell:</b> (323) 849-1316 <b>Fax:</b> (818) 841-5096  www.trafficwks.com	<b>TD 5500 Earthflex Del</b>  Type 2; soil mount only	<b>approved</b> 12/3/2002
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	<b>Phone:</b> (916) 644-9102 <b>Cell:</b> <b>Fax:</b>  www.valtir.com	<b>RT 360 HD BD Tub</b>  Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available	<b>approved</b> 10/5/2008

**619.02.01a GUIDEPOSTS (FLEXIBLE)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>RT 360 HD Tub</b> Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available  <b>approved</b> 10/5 /2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>SH Barrier Replaceable</b> Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available  <b>approved</b> 10/5 /2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>SH Dura Post</b> Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available  <b>approved</b> 10/5 /2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>SH K-Marker</b> Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available  <b>approved</b> 10/5 /2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>SH Tubular</b> Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available  <b>approved</b> 10/5 /2008

**619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>FG 300 Complete Curb</b> MASH TL-3; Type 2; standard surface and surface/soil mount options available  <b>approved</b> 6 /19/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>FG 300 Model PE</b> Type 2; standard surface and surface/soil mount options available  <b>approved</b> 6 /19/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>FG 300 Model UR</b> Type 2; standard surface and surface/soil mount options available  <b>approved</b> 6 /19/2009

**619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	<b>FG 300 Turn Pike Curb</b> Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	MASH TL-3; Type 2; standard surface and surface/soil mount options available	<b>approved</b> 6 /19/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	<b>Type K Island Marker</b> Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	Type 2; standard surface and surface/soil mount options available	<b>approved</b> 9 /13/2007
SHUR-TITE Products Kaimon Ontiveros P.O. Box 965 Hutto TX 78634 kaimon@shur-tite.com	<b>Shur-Flex Driveable</b> Phone: (512) 218-9500 Cell: Fax: (512) 388-0417 www.shur-tite.com	Type 2; standard surface and surface/soil mount options available	<b>approved</b> 2 /2 /2010
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	<b>TD 5215 K Marker</b> Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096 www.trafficwks.com	Type 2; standard surface and surface/soil mount options available	<b>approved</b> 12/3 /2002
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	<b>RT 360 HD Bolt Down</b> Phone: (916) 644-9102 Cell: Fax: www.valtir.com	Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)	<b>approved</b> 10/5 /2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	<b>RT 360 HD Tubular</b> Phone: (916) 644-9102 Cell: Fax: www.valtir.com	Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)	<b>approved</b> 10/5 /2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	<b>SH Dura Post 36"</b> Phone: (916) 644-9102 Cell: Fax: www.valtir.com	Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)	<b>approved</b> 10/5 /2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	<b>SH K-Marker Series</b> Phone: (916) 644-9102 Cell: Fax: www.valtir.com	Type 2; standard surface and soil/ground mount options available	<b>approved</b> 10/5 /2008



**619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>SH Replaceable Barrier</b> Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)
		approved 10/5/2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>SH Tubular</b> Type 2; standard surface and soil/ground mount options available
		approved 10/5/2008

**623.02.08 SERVICE PEDESTALS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Milbank Manufacturing Company Dave Stipe 4801 Deramus Avenue Kansas City MO 64120 dstipe@milbankmfg.com	Phone: (660) 463-0827 Cell: (714) 743-0712 Fax:  www.milbankmfg.com	<b>Metered Service Pedestals</b>
		approved 1/15/2002
Myers Power Products Diana Grootenk 2950 East Philadelphia Street Ontario CA 91761 quotes-PEDS@myerspower.com	Phone: (909) 923-1800 Cell: (949) 375-3399 Fax: (909) 923-1806  www.myerspowerproducts.com	<b>Service Pedestals</b> +UPS/BBS
		approved 9/5/2000
Tesco Controls Incorporated Lyn Masterson 8440 Florin Road Sacramento CA 95828 lmasterson@tescocontrols.com	Phone: (916) 395-8800 Cell: (916) 548-9974 Fax: (916) 403-0013  www.tescocontrols.com	<b>Tescoflex Service Pedestals</b>
		approved 11/21/2002

**623.02.12c HIGH MAST HEAD FRAME ASSEMBLY**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Carolina High Mast Daniel Thomas 700 East McLeroy Boulevard Suite A Saginaw TX 76179 dthomas@chmindustries.com	Phone: (682) 286-0046 Cell: (817) 586-9845 Fax: (682) 286-0086  www.chmindustries.com	<b>Series 426</b> Ext. 2156. Bottom latching
		approved 12/30/2003
Holophane Corporation Michele Janson 1839 Dutchman Drive Sparks NV 89434 michele.janson@acuitybrands.com	Phone: (775) 431-4390 Cell: Fax:  www.holophane.com	<b>Series Holophane LD5 Lighting Lowering D</b> Bottom latching
		approved 1/2/2004

**623.02.12c HIGH MAST HEAD FRAME ASSEMBLY**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Stratus Products Bill Shoemaker 3900 Lubbock Avenue Fort Worth TX 76110 bill@s-steel.com	Phone: (817) 878-3141 Cell: (800) 782-5804 Fax: www.s-steel.com	<b>Model 2060 with a lowering device</b> Bottom latching. Company is a division of Structural & Steel Products, Inc.
		approved 12/20/2021

**623.02.16 DUCT SEALING COMPOUND**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ideal Industries Incorporated Customer Service Becker Place Sycamore IL 60178 contactus@idealindustries.com	Phone: (800) 435-0705 Cell: Fax: (800) 533-4483 www.idealind.com	<b>Duct Seal</b>
		approved 10/7 /2009

**623.02.30e LOOP DETECTOR SEALANT**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Automotive Aftermarket Division Rebecca Zappala 3M Center Bldg. 250-3E-02 St. Paul MN 55144 rzappala@mmm.com	Phone: (651) 736-6952 Cell: Fax: www.3mcollision.com	<b>5000 Rubberized Loop</b> Rubberized asphalt material
		approved 6 /16/2000
3M Automotive Aftermarket Division Rebecca Zappala 3M Center Bldg. 250-3E-02 St. Paul MN 55144 rzappala@mmm.com	Phone: (651) 736-6952 Cell: Fax: www.3mcollision.com	<b>P/N 606 Detector Loop</b> Rubberized asphalt material
		approved 6 /16/2000
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513 www.crafco.com	<b>271 Loop Detector</b> Rubberized asphalt material
		approved 8 /5 /1998
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513 www.crafco.com	<b>272 Loop Detector</b> Rubberized asphalt material
		approved 8 /5 /1998
Durant Performance Coating, Inc. Al Losanno 112 Railroad Street Revere MA 02151 alosanno@durantcorp.com	Phone: (800) 420-0021 Cell: (781) 289-1400 Fax: (781) 289-1405 www.durantcorp.com	<b>Stat-a-Flex Polyester Loop</b> Polyester material
		approved 11/19/1996

**623.02.30e LOOP DETECTOR SEALANT**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
RAI Products Incorporated John Rosenblatt Jr. PO Box 240772 Charlotte NC 28224 john@raiproducts.com	Phone: (704) 525-1852 Cell: (704) 904-1481 Fax: (704) 525-1859 www.raiproducts.com	<b>Perm Sealer 974 Nitrile</b> Nitrile rubber material <b>approved</b> 12/19/1996
RAI Products Incorporated John Rosenblatt Jr. PO Box 240772 Charlotte NC 28224 john@raiproducts.com	Phone: (704) 525-1852 Cell: (704) 904-1481 Fax: (704) 525-1859 www.raiproducts.com	<b>Pro Seal 6006 Polyester</b> Polyester material <b>approved</b> 12/19/1996
Reed & Graham Company Peter Fitzpatrick 690 Sunol Street San Jose CA 95126 peter@rginc.com	Phone: (408) 287-1400 Cell: (408) 421-2833 Fax: (408) 294-3696 www.rginc.com	<b>Overkote Loop Filler</b> Asphaltic emulsion material <b>approved</b> 8 /5 /1998

**623.02.37 DYNAMIC MESSAGE SIGNS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Daktronics Incorporated Kyle Niemeyer 201 Daktronics Dr. Brookings SD 57006 kyle.niemeyer@daktronics.com	Phone: (605) 692-0200 Cell: (970) 413-4978 Fax: (605) 697-4700 www.daktronics.com	<b>Dynamic Message Signs</b> Type 1 and Type 2 <b>approved</b> 1 /7 /2004
SES America, Inc. Sean Mahoney 720 Washington St. Pembroke MA 02359 smahoney@sunrisesesatech.com	Phone: (781) 826-9706 Cell: (781) 217-2969 Fax: www.sunrisesesatech.com	<b>Dynamic Message Signs</b> Type 1 and Type 2 <b>approved</b> 6 /11/2020

**623.03.01 TRAFFIC SIGNALS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Current by GE Patrick Rossetti 1975 Noble Road E. Cleveland OH 44112 patrick.rossetti@ge.com	Phone: (617) 817-1555 Cell: Fax: (954) 337-0633 www.led.com	<b>GTx LED Signal Modules</b> <b>approved</b> 8 /7 /2019
Dialight Corporation John Vines 1501 Route 34 South Farmingdale NJ 07727 jvines@dialight.com	Phone: (732) 919-3119 Cell: (732) 751-5883 Fax: (732) 751-3183 www.dialight.com	<b>LED 12" Signal Heads (all) 16"x18" Ped Signal Hea</b> Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications <b>approved</b> 3 /26/2002

**623.03.01 TRAFFIC SIGNALS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Excellence Opto, Inc. Johnny Xu 21858 Garcia Lane City of Industry CA 91789 vendor@eoius.com	<b>LED Traffic Signal</b> Phone: (909) 468-0550 Cell: (626) 823-8639 Fax: (909) 468-0554 www.eoius.com	12" TRV-R12SG-D2T Red, TRV-Y12SG-D2T Yellow, and TRV-G12SG-D2T Green Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. <b>approved</b> 6 /17/2008
Excellence Opto, Inc. Johnny Xu 21858 Garcia Lane City of Industry CA 91789 vendor@eoius.com	<b>Pedestrian Traffic Signal</b> Phone: (909) 468-0550 Cell: (626) 823-8639 Fax: (909) 468-0554 www.eoius.com	12" TRV-R12SG-D2T Red, TRV-Y12SG-D2T Yellow, and TRV-G12SG-D2T Green Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. <b>approved</b> 6 /17/2008
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	<b>LED 12" Signal Heads (all) 16"x18" Tinted Ped</b> Phone: (408) 380-1788 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. <b>approved</b> 4 /6 /2010
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	<b>TSL-12GA-IL6-A1-P3</b> Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. <b>approved</b> 9 /25/2017
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	<b>TSL-12G-LX-IL6-A1-P3</b> Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. <b>approved</b> 4 /2 /2015
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	<b>TSL-12RA-IL6-A1-P3</b> Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. <b>approved</b> 9 /25/2017
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	<b>TSL-12R-LX-IL6-A1-P3</b> Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. <b>approved</b> 4 /2 /2015
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	<b>TSL-12YA-IL6-A1-P3</b> Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. <b>approved</b> 9 /25/2017

**623.03.01 TRAFFIC SIGNALS**

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128  www.leotek.com	<b>TSL-12Y-LX-IL6-A1-P3</b>	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 4 /2 /2015
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (408) 380-1788 Cell: (903) 935-8055 Fax: (408) 518-8128  www.leotek.com	<b>TSL-PED-16-DIL 16" LED FH/MP Indication</b>	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 4 /6 /2010
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@liteon.com	Phone: (408) 380-1788 Cell: (903) 935-8055 Fax: (408) 518-8128  https://leotek.com/	<b>TSL-PED-16-SPC-V1</b>	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. Replaced model TSL-PED-16-CIL-P1.	approved 9 /30/2021
TraStar Incorporated Jennifer Murray 860 North Dorothy Drive Suite 600 Richardson TX 75081 jenniferm@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884  www.trastarusa.com	<b>JXC-300HFT Series LED Vehicular Lamps</b>	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 11/6 /2012
TraStar Incorporated Jennifer Murray 860 North Dorothy Drive Suite 600 Richardson TX 75081 jenniferm@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884  www.trastarusa.com	<b>JXJ300-07T</b>	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 11/6 /2012
TraStar Incorporated Jennifer Murray 860 North Dorothy Drive Suite 600 Richardson TX 75081 jenniferm@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884  www.trastarusa.com	<b>JXM 400 VIE Series Countdown Pedestrian Lamps</b>	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 11/6 /2012

**623.03.15 SIGN LIGHTING FIXTURES**

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Lumi Trak, Inc. Jeff Harper PO Box 158 Shrewsbury PA 17361 jeff@lumitrak.com	Phone: (717) 235-2863 Cell: (717) 779-8628 Fax: (717) 235-5076  www.lumitrak.com	<b>LT2000 SL120MOD</b>		approved 9 /25/2017

**623.03.22 LUMINAIRE RETRIEVAL SYSTEM**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**623.03.22 LUMINAIRE RETRIEVAL SYSTEM**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Lumi Trak Incorporated Iris Townsend PO Box 158 Shrewsbury PA 17361 iris@lumitrak.com	Phone: (717) 235-2863 Cell: Fax: (717) 235-5076  www.lumitrak.com	<b>Lumi Trak</b>      approved 10/11/2000

**623.05.26 RED LIGHT DETECTORS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
McCain Incorporated Carol Jarvis-Murphy 2365 Oak Ridge Way Vista CA 92081 cmurphy@mccain-inc.com	Phone: (760) 734-5027 Cell: (750) 727-8100 Fax: (760) 597-7108  www.mccain-inc.com	<b>Red Light Detector</b>      approved 7/16/2003

**625.02.02 MARKERS (REFLECTIVE ON CONCRETE BARRIER RAILS)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Artuk Gregg Schueler 1200 Abbott Drive Elgin IL 60123 sales@artukinc.com	Phone: (847) 841-7050 Cell: (847) 707-4698 Fax: (847) 488-9154  https://artukinc.com	<b>FB33</b>      approved 2/2/1993
Artuk Gregg Schueler 1200 Abbott Drive Elgin IL 60123 sales@artukinc.com	Phone: (847) 841-7050 Cell: (847) 707-4698 Fax: (847) 488-9154  https://artukinc.com	<b>FB34</b>      approved 12/28/2016
Artuk Gregg Schueler 1200 Abbott Drive Elgin IL 60123 sales@artukinc.com	Phone: (847) 841-7050 Cell: (847) 707-4698 Fax: (847) 488-9154  https://artukinc.com	<b>FT - Flex Tab</b>      approved 12/28/2016
Irwin Hodson Company Gary Johnson 2838 SE 9th Ave Portland OR 97202 garyj@ihco.com	Phone: (503) 419-4624 Cell: (503) 709-6608 Fax: (503) 239-5304  www.irwinhodson.com	<b>A-Shape Highway Traffic Reflector</b>      Epoxy shall be used for fastening the reflective marker to the top of the concrete barrier rail. Alt contacts: Mark McDonald (503) 419-4629 markmc@ihco.com or Nick McDonald (503) 572-0012 nickmc@ihco.com.  approved 5/7/2015
Irwin Hodson Company Gary Johnson 2838 SE 9th Ave Portland OR 97202 garyj@ihco.com	Phone: (503) 419-4624 Cell: (503) 709-6608 Fax: (503) 239-5304  www.ihco.com	<b>Barrier Traffic Reflector Series</b>      Alt contacts: Mark McDonald (503) 419-4629 markmc@ihco.com or Nick McDonald (503) 572-0012 nickmc@ihco.com.  approved 9/3/2013

**625.02.02 MARKERS (REFLECTIVE ON CONCRETE BARRIER RAILS)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>DAPCO Straight Guardrail Reflector Plates</b> Type II; standard surface and soil/ground mount options available  <b>approved</b> 1/9/1995
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>PCBM 12H High Impact</b> Type II; standard surface and soil/ground mount options available  <b>approved</b> 11/3/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>PCBM T12H High Impact</b> Type II; standard surface and soil/ground mount options available  <b>approved</b> 11/3/2009
RetroFlex, LLC Terry Anest 5001 Super Moon Way Roseville CA 95747 tanest@retroflexllc.com	Phone: (916) 305-8687 Cell: (916) 305-8687 Fax:  www.retroflexllc.com	<b>RF3N1 RetroFlex Reflector</b>   <b>approved</b> 6/11/2020
SHUR-TITE Products Kaimon Ontiveros P.O. Box 965 Hutto TX 78634 kaimon@shur-tite.com	Phone: (512) 218-9500 Cell: Fax:  www.shur-tite.com	<b>Trafco CTB16 Concrete Barrier Wall Flex Delineator</b> Do not use Type III sheeting  <b>approved</b> 12/10/2020
SHUR-TITE Products Kaimon Ontiveros P.O. Box 965 Hutto TX 78634 kaimon@shur-tite.com	Phone: (512) 218-9500 Cell: Fax:  www.shur-tite.com	<b>Trafco CTB3 Concrete Barrier Wall Flex Delineator</b> Do not use Type III sheeting  <b>approved</b> 12/10/2020
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096  www.trafficwks.com	<b>TD 9300 Roadguide</b>   <b>approved</b> 12/3/2002
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096  www.trafficwks.com	<b>TD 9400 Roadguide</b>   <b>approved</b> 12/3/2002

**625.02.03 CHANGEABLE MESSAGE SIGNS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**625.02.03 CHANGEABLE MESSAGE SIGNS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
No Vendors at this time *** *** *** ** ***	Phone: *** Cell: Fax:	MASH TL-16 crash testing standards are in effect for this category on 12/31/19. Awaiting submission of qualifying products from Industry to repopulate category. <b>approved</b> 12/31/2019

**625.02.04 IMPACT ATTENUATOR (TEMPORARY)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Hill & Smith, Inc. Cecil Brown 987 Buckeye Park Road Columbus OH 43207 cecil.brown@hillandsmith.com	Phone: (614) 340-6294 Cell: Fax: www.hillandsmith.com	<b>SCI100GM</b> MASH TL-3. Install per manufacture recommendations. <b>approved</b> 2 /23/2007
Lindsay Transportation Solutions, LLC Larry Savage 180 River Road Rio Vista CA 94571 larry.savage@lindsay.com	Phone: (707) 374-6800 Cell: (916) 474-9644 Fax: (707) 374-6801 www.barriersystemsinc.com	<b>ABSORB-M Non-Redirective Crash Cushion</b> MASH TL-3; water filled. Install per manufacture recommendations. <b>approved</b> 9 /17/2019
Lindsay Transportation Solutions, LLC Larry Savage 180 River Road Rio Vista CA 94571 larry.savage@lindsay.com	Phone: (707) 374-6800 Cell: (916) 474-9644 Fax: (707) 374-6801 www.lindsay.com/transportation-solutions	<b>Universal TAU-M</b> MASH TL-3. Install per manufacture recommendations. <b>approved</b> 7 /22/2019
Traffix Devices, Inc. Howard Tolliver 160 Avenida La Pata San Clemente CA 92673 htolliver@traffixdevices.com	Phone: (949) 361-5663 Cell: (859) 469-0364 Fax: see remarks	<b>Delta Crash Cushion</b> MASH TL-3; <a href="https://www.traffixdevices.com/products/attenuators/delta">https://www.traffixdevices.com/products/attenuators/delta</a> <b>approved</b> 12/20/2021
Traffix Devices, Inc. Cary LeMonds 160 Avenida La Pata San Clemente CA 92673 CLeMonds@TrafFixDevices.com	Phone: (801) 979-7099 Cell: Fax: (949) 573-9290 www.TrafFixDevices.com	<b>Sentry Longitudinal Energy Dissipater (SLED)</b> MASH TL-3; water-filled. Install per manufacture recommendations. <b>approved</b> 4 /9 /2020
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	<b>QuadGuard Elite M10</b> MASH TL-3; 24 and 69 inch widths approved; Install per manufacturer's recommendations. <b>approved</b> 3 /11/2021
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	<b>QuadGuard M Wide</b> MASH TL-3; Install per manufacture recommendations. <b>approved</b> 3 /11/2021



**625.02.04 IMPACT ATTENUATOR (TEMPORARY)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>QuadGuard M10</b> MASH TL-3. Install per manufacture recommendations.  <b>approved</b> 3 /27/2019

**625.02.05 IMPACT ATTENUATOR (TRUCK MOUNTED)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Gregory Industries, Inc. Rick Mauer 4100 13th Street SW Canton OH 44710 rmauer@gregoryhighway.com	Phone: (330) 477-4800 Cell: Fax: (330) 477-0626  www.gregoryhighway.com	<b>TTMA-200 Trailer Truck Mounted Attenuator</b> MASH TL-3. Trailer Mounted - Min. support vehicle weight of 10,000lbs (4,535.9kg), Max. support vehicle weight: unlimited. Unit selected must have a manufacturer recommended installation for the design speed specified in the bid item.  <b>approved</b> 9 /17/2019
Traffix Devices, Inc. Cary W. LeMonds 2267 East Crimson Ridge Drive Saint George UT 84790 CLeMonds@TraffixDevices.com	Phone: (801) 979-7099 Cell: (949) 361-5663 Fax: (949) 573-9290  www.traffixdevices.com	<b>Scorpion II TA</b> MASH TL-3, trailer-mounted  <b>approved</b> 4 /1 /2020
Traffix Devices, Inc. Cary W. LeMonds 2267 East Crimson Ridge Drive Saint George UT 84790 CLeMonds@TraffixDevices.com	Phone: (801) 979-7099 Cell: (949) 361-5663 Fax: (949) 573-9290  www.traffixdevices.com	<b>Scorpion II TMA</b> MASH TL-3  <b>approved</b> 1 /27/2019
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison NV 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>SMT</b> MASH TL-3, trailer mounted  <b>approved</b> 9 /17/2020
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison NV 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>SS180M</b> MASH TL-3  <b>approved</b> 9 /17/2020
Verdegro USA, LLC Herman Harderwijk 1700 W. Irving Park Road, Suite 209A Chicago IL 60613 sales@verdegro.com	Phone: (786) 408-5709 Cell: Fax: (786) 431-3097  www.BLADE-TMA.com and www.verdegro.c	<b>BLADE TMA</b> MASH TL-3. Alt# is +31615839389.  <b>approved</b> 7 /22/2019

**625.02.06 ALTERNATIVE PORTABLE BARRIER RAIL**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**625.02.06 ALTERNATIVE PORTABLE BARRIER RAIL**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Easi-Set Worldwide Chris Reese P.O. Box 400 Midland VA 22728 creese@easiset.com	Phone: (540) 439-8911 Cell: (540) 272-7267 Fax: (540) 439-2541  www.easiset.com and www.jjhooks.com	<b>J-J Hooks Portable Concrete Barrier Rail</b> MASH TL-3; Freestanding, Pinned, or Bolted.  approved 4 /1 /2020
Hill & Smith, Inc. Cecil Brown 987 Buckeye Park Road Columbus OH 43207 cecil.brown@hillandsmith.com	Phone: (614) 340-6294 Cell: Fax:  www.hillandsmith.com	<b>ZoneBloc +</b> MASH TL-3 compliant. Install freestanding or pinned per manufactures requirements.  approved 1 /11/2022
Hill and Smith, Inc. Cecil Brown 987 Buckeye Park Road Columbus OH 43207 cecil.brown@hillandsmith.com	Phone: (614) 340-6294 Cell: Fax:  www.hillandsmith.com	<b>Zoneguard Steel Barrier</b> MASH TL-3; install per manufacturer's requirements.  approved 12/31/2019
Valtir, LLC Jim Thonn 15601 Dallas Parkway, Suite 525 Addison TX 75001 jim.thonn@trin.net	Phone: (312) 705-8424 Cell: Fax:  www.valtir.com	<b>HighwayGuard</b> MASH TL-3; install per manufacturer's recommendations.  approved 9 /20/2021
Valtir, LLC Joe Duque 15601 Dallas Parkway, Suite 525 Addison TX 75001 joseph.duque@valtir.com	Phone: (888) 323-6374 Cell: Fax:  www.valtir.com	<b>HighwayGuard MDS</b> MASH TL-3  approved 3 /15/2023
Valtir, LLC Joe Duque 15601 Dallas Parkway, Suite 525 Addison TX 75001 joseph.duque@valtir.com	Phone: (888) 323-6374 Cell: Fax:  www.valtir.com	<b>HighwayGuard Soil</b> MASH TL-3  approved 3 /15/2023

**625.02.07 PORTABLE BEACON LIGHT SYSTEM**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
K&K Systems Incorporated Alice Bingham 687 Palmetto Road Tupelo MS 38801 ali@k-systems.com	Phone: (888) 414-3003 Cell: (662) 566-2025 Fax: (662) 566-7123  www.k-systems.com	<b>Safety Beacon Light</b>   approved 1 /6 /1998

**625.03.03 SIGN SUPPORT SYSTEM**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
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**625.03.03 SIGN SUPPORT SYSTEM**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Marketing Displays International Eric Larson 38271 W. 12 Mile Road Farmington Hills MI 48331 tcpsales@mdiworldwide.com	Phone: (800) 521-6776 Cell: Fax: (248) 488-5700  www.mditrafficcontrol.com	<b>S0SM-NS</b>    	MASH TL-3. Roll-up signs only.    approved 9 /17/2020
Pacific Safety dba Dicke Safety Michael Burke 1845 Anunsen St. NE Salem OR 97301 mike@dicketool.com	Phone: (206) 818-9277 Cell: (800) 333-5641 Fax: (800) 695-6054  www.dicketool.com	<b>UF2000w</b>    	MASH TL-3. Roll-up signs only.    approved 12/10/2020
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax:  www.plasticade.com	<b>Plasticade SS300 Compact Sign Stand</b>    	MASH TL-3. Roll-up signs only.    approved 9 /17/2020
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax:  www.plasticade.com	<b>Plasticade SS300A Compact Sign Stand</b>    	MASH TL-3. Roll-up signs only.    approved 9 /17/2020
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax:  www.plasticade.com	<b>Plasticade SS310 Sign Stand</b>    	MASH TL-3. Roll-up signs only.    approved 9 /17/2020
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax:  www.plasticade.com	<b>Plasticade SS340A Double Spring Sign Stand</b>    	MASH TL-3. Roll-up signs only.    approved 9 /17/2020
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax:  www.plasticade.com	<b>Plasticade SS410A Springless Sign Stand</b>    	MASH TL-3. Roll-up signs only.    approved 9 /17/2020
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax:  www.plasticade.com	<b>Plasticade SS420A Double Spring Sign Stand</b>    	MASH TL-3    approved 9 /17/2020

**625.03.03 SIGN SUPPORT SYSTEM**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax:  www.plasticade.com	<b>Plasticade SS520 "Big Dog" Sign Stand</b>	MASH TL-3. Roll-up signs only.  <b>approved</b> 9/17/2020
Traffix Devices, Inc. Cary LeMonds 160 Avenida La Pata San Clemente CA 92673 clemonds@traffixdevices.com	Phone: (801) 979-7099 Cell: Fax: (949) 573-9290  www.traffixdevices.com	<b>Zephyr Portable Stand</b>	MASH TL-3. Must conform to section 716. Dibond substrate is allowed only with stands specified by FHWA letters of acceptance.  <b>approved</b> 3/22/2000

**625.03.04 BARRICADES**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Crashworthy Traffic Control, LLC Juan Banuelos 1089 Spring Creek Dr Ripon CA 95366 juanbanuelos88@gmail.com	Phone: (626) 500-3800 Cell: (626) 390-3032 Fax:  crashworthy.net	<b>Crashworthy MASH Barricade</b>	MASH TL-3; Type I and Type II, with or without signs and/or light.  <b>approved</b> 6/15/2022
Crashworthy Traffic Control, LLC Juan Banuelos 1089 Spring Creek Dr Ripon CA 95366 juanbanuelos88@gmail.com	Phone: (626) 500-3800 Cell: (626) 390-3032 Fax:  www.crashworthy.net	<b>Crashworthy MASH Barricade / Sign Support System</b>	MASH TL-3; Type III with or without signs and/or light.  <b>approved</b> 6/15/2022
Eastern Metal of Elmira, Inc. Christina Harrison 1430 Sullivan St. Elmira NY 14901 qpl@usa-sign.com	Phone: (607) 734-2295 Cell: (607) 644-7232 Fax: (607) 734-8783  easternmetalsignsandsafety.com	<b>BC 3000 Series Type III Barricade</b>	MASH TL-3  <b>approved</b> 6/14/2024
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>Barricade</b>	Type 3B; with or without lights  <b>approved</b> 11/5/2009
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 966-8074  www.plasticade.com	<b>Plasticade Angle Iron Type III Barricade</b>	Type 3  <b>approved</b> 12/31/2012
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 966-8074  www.plasticade.com	<b>Plasticade Telespar Type III Barricade</b>	Type 3  <b>approved</b> 12/31/2012

**625.03.04 BARRICADES**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 966-8074  www.plasticade.com	<b>Sentinel</b> Type 3    approved 2 /21/2007
PSS Benjamin Gascoigne 2444 Baldwin Road Cleveland OH 44104 bwg1@PSS-Innovations.com	Phone: (800) 662-6338 Cell: (216) 658-7556 Fax: (216) 231-2702  www.PSS-Innovations.com	<b>Anchor Mast Barricade</b> Type 3; with or without lights    approved 5 /5 /2010
PSS Benjamin Gascoigne 2444 Baldwin Road Cleveland OH 44104 bwg1@pss-innovations.com	Phone: (800) 662-6338 Cell: (216) 658-7556 Fax: (216) 231-2702  pss-innovations.com	<b>LaneGard 3</b> MASH TL-3; Type 3    approved 6 /11/2020

**627.02.01 THERMOPLASTIC SIGN PANELS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
No Vendors at this Time *** *** ***	Phone: Cell: Fax:	<b>***</b>    approved 11/4 /2008

**630.02.01 HEADLIGHT GLARE SCREENS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Carsonite Composites Int'l Cynthia Young 19845 US Highway 76 Newberry SC 29108 cindy.young@valmont.com	Phone: (800) 648-7916 Cell: (839) 219-1326 Fax: (803) 276-8940  www.carsonite.com	<b>Modular Guidance System</b>    approved 10/1 /2008
Flexstake Incorporated Robert K. Hughes, Jr. 2150 Andrea Lane Ft Meyers FL 33912 robert@flexstake.com	Phone: (800) 348-9839 Cell: (239) 481-3539 Fax: (239) 482-3539  www.flexstake.com	<b>Glare Screen System</b>    approved 7 /31/1996
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax:  www.plasticade.com	<b>Plasticade Modular Glare Screen</b>    approved 6 /11/2020

**630.02.01 HEADLIGHT GLARE SCREENS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com	Phone: (916) 644-9102 Cell: Fax:  www.valtir.com	<b>Glare Screen System</b>      approved 7/31/1996

**632.03.05 RETROREFLECTOMETERS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com/	<b>LTL-2000 discontinuing</b> 10/08 LTL 2000 Geometry Retroreflectometer was discontinued but still qualifies     approved 6/1/1999

Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com/	<b>LTL-X 30 Meter Geometry</b>     approved 6/1/1999
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Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com/	<b>LTL-X Mark II</b>     approved 9/25/2017
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Mirolux Products Incorporated William Kaiser 12571 S. Deer Canyon Lane Draper UT 84020-3105 sales@miroluxproducts.com	Phone: (801) 718-7089 Cell: Fax: (801) 571-3394  www.miroluxproducts.com	<b>Mirolux Ultra 30</b>     approved 12/26/1999
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RetroTekUSA, Inc. Joe Turley 8 The Green, Suite #13817 Dover DE 19901 jturley@retrotekusa.com	Phone: (469) 619-0899 Cell: Fax:  www.retrotekusa.com	<b>RetroTek-D</b> Alt phone +353 87 2555376.     approved 3/15/2023
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RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (800) 637-2758 Fax: (858) 576-9286  www.roadvista.com	<b>LaserLux CEN 30</b> <b>LaserLux CEN 30 Mobile</b> 10/08 MX 30 Retroreflectometer was discontinued but still qualifies; 12/16 CEN 30 both the mobile and portable units have been discontinued but still qualify.    approved 12/5/2016
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RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (800) 637-2758 Fax: (858) 576-9286  www.roadvista.com	<b>LaserLux G7 Mobile</b>     approved 9/25/2017
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**632.03.05 RETROREFLECTOMETERS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
RoadVista Chris Adkins 9925 Carroll Canyon Rd. San Diego CA 92131 cadkins@roadvista.com	Phone: (858) 279-6044 Cell: Fax:  www.roadvista.com	<b>SM3-RL-QD-C</b>     approved 3 /20/2024
RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (800) 637-2758 Fax: (858) 576-9286  www.roadvista.com	<b>StripeMaster Series I</b>     approved 5 /27/2010
RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (800) 637-2758 Fax: (858) 576-9286  www.roadvista.com	<b>StripeMaster Series II</b>     approved 5 /27/2010

**633.02.01 PAVEMENT MARKERS (NON-REFLECTIVE, PERMANENT)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Alpine Products Bart Farrar 550 3rd Street SW, Building C Auburn WA 98001 bart@alpinemarkings.com	Phone: (253) 351-9828 Cell: Fax: (253) 735-6303  www.alpinemarkings.com	<b>DDOT ABS</b>     100 mm (4") round approved 6 /2 /1999
Apex Universal Incorporated Janet Yang 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 879-6888 Fax: (562) 944-2298  www.apexmarker.com	<b>929 ABS</b>     100 mm (4") round approved 6 /1 /1999
Apex Universal Incorporated Janet Yang 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 879-6888 Fax: (562) 944-2298  www.apexmarker.com	<b>929 PP</b>     100 mm (4") round approved 6 /1 /1999
Apex Universal Incorporated Janet Yang 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 879-6888 Fax: (562) 944-2298  www.apexmarker.com	<b>Ceramic</b>     100 mm (4") round approved 6 /1 /1999
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com/	<b>B10</b>     100 mm (4") round approved 12/20/2017

**633.02.01 PAVEMENT MARKERS (NON-REFLECTIVE, PERMANENT)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Interstate Sales Mike Trentman 12600 Locksley Lane, Suite 200 Auburn CA 95602 mike@interstatesales.com	Phone: (800) 237-7245 Cell: (530) 823-6070 Fax:  www.interstatesales.com	<b>Diamond Back (ABS &amp; Polypropylene)</b> 100 mm (4") round (ABS & Polypropylene)   approved 8 /5 /2002
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096  www.trafficwks.com	<b>TD 10500 Series</b> 100 mm (4") round   approved 12/4 /2002

**633.02.02 PAVEMENT MARKERS (REFLECTIVE, PERMANENT)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Company Eric Dornak 3M Center, Bldg 223-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M™ Raised Pavement Marker Series 290</b> 89 mm x 100 mm (3.6"x4")   approved 6 /1 /1999
Apex Universal Incorporated Janet Yang 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 879-6888 Fax: (562) 944-2298  www.apexmarker.com	<b>921 AR</b>   approved 6 /1 /1999
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com	<b>C80-FH Raised Pavement Marker</b>   approved 2 /6 /2002
Ray-O-Lite A Division of Pac-Tec Inc Mary Haddad 5825 N. Sam Houston Parkway W, Ste. 220 Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506  www.rayolite.com	<b>AA</b> 100 mm x 100 mm (4"x4")   approved 6 /1 /1999
Ray-O-Lite A Division of Pac-Tec Inc Mary Haddad 5825 N. Sam Houston Parkway W, Ste. 220 Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506  www.rayolite.com	<b>ARC</b> 100 mm x 100 mm (4"x4")   approved 6 /1 /1999



**633.02.02 PAVEMENT MARKERS (REFLECTIVE, PERMANENT)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ray-O-Lite A Division of Pac-Tec Inc Mary Haddad 5825 N. Sam Houston Parkway W, Ste. 220 Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506  www.rayolite.com	<b>Round Shoulder ARC</b> 100 mm x 100 mm (4"x4")  approved 6 /1 /1999

**633.02.03 PAVEMENT MARKERS (REFLECTIVE, RECESSED)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ray-O-Lite A Division of Pac-Tec Inc Mary Haddad 5825 N. Sam Houston Parkway W, Ste. 220 Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506  www.rayolite.com	<b>2002</b> 58 mm x 19 mm (2.3"x4.6")  approved 6 /1 /1999

Ray-O-Lite A Division of Pac-Tec Inc Mary Haddad 5825 N. Sam Houston Parkway W, Ste. 220 Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506  www.rayolite.com	<b>2004</b> 58 mm x 19 mm (2.3"x4.6")  approved 6 /1 /1999
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**633.02.04 PAVEMENT MARKERS ADHESIVE**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513  www.crafco.com	<b>34270 Hot Applied Flexible</b>  approved 6 /16/1998

Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com/	<b>Bundy 12 cm X 12 cm Pad;</b> White color on plantmix and black color on PCCP <b>(5" X 5") Pad</b>  approved 5 /4 /1998
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Martin Asphalt Company Juan Hermosillo 300 Christy Place South Houston TX 77587 juan.hermosillo@martinmlp.com	Phone: (713) 943-5210 Cell: (713) 941-4410 Fax: (713) 947-4908  www.martinasphalt.com	<b>172542 Evergrip Bituminous</b>  approved 6 /15/1998
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Martin Asphalt Company Juan Hermosillo 300 Christy Place South Houston TX 77587 juan.hermosillo@martinmlp.com	Phone: (713) 943-5210 Cell: (713) 941-4410 Fax: (713) 947-4908  www.martinasphalt.com	<b>Evergrip Flexible GTR BMA</b>  approved 6 /15/2016
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**633.02.04 PAVEMENT MARKERS ADHESIVE**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Seal Bond Kelly Iverson 1251 E. Mt. Garfield Road Norton Shores MI 49444 kiverson@seal-bond.com	Phone: (800) 252-4144 Cell: Fax: (616) 850-0530  www.seal-bond.com	<b>SB 9113 Traffic Reflector Adhesive</b>    approved 9 /25/2017

**633.02.05 LANE LINE MARKERS (REFLECTIVE, TEMPORARY)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Apex Universal Incorporated Janet Yang 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 879-6888 Fax: (562) 944-2298  www.apexmarker.com	<b>Apex Chip Seal / Overlay Marker</b>    approved 1 /8 /2013
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>Halftrack Model 25</b> Work zone pavement markers   approved 11/29/2000
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>Halftrack Model 26</b> Work zone pavement markers   approved 11/29/2000
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>TOM</b> Work zone pavement markers   approved 11/29/2000
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>TRPM (Temporary Overlay)</b> Work zone pavement markers   approved 11/29/2000

**635.02.01 PAVEMENT STRIPING TAPE (TEMPORARY)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Company Eric Dornak 3M Center, Bldg 223-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M Stamark Removable Pavement Marking Tape 700 Series</b> WRR = Wet Reflective Removable white/yellow available  approved 8 /16/2006

**635.02.01 PAVEMENT STRIPING TAPE (TEMPORARY)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>3M™ Stamark™ Wet Retroreflective Removable Tape Series 710IR</b>  White/yellow available	Wet Reflective Removable. Has netting in backing to aid in removal.  approved 6 /14/2024
Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940  www.trafficmarkings.com	<b>200 Construction R</b>  white/yellow available	R = Removeable  approved 9 /24/2003
Brite Line Technologies Shea Durkin 10390 E. 48th Ave Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series 100R</b>  white/yellow available	R = Removeable  approved 6 /15/1999
Brite Line Technologies Shea Durkin 10390 E. 48th Ave Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series 200R</b>  white/yellow available	R = Removeable  approved 6 /15/1999
Brite Line Technologies Shea Durkin 10390 E. 48th Ave Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series Deltaline TWR</b>  white/yellow available	TWR = Temporary Wet Removeable  approved 6 /15/1999
Swarco Industries / Traffic Mgt Johnathan Knutson 270 Rutherford Lane / PO Box 89 Columbia TN 38401 jonathan.knutson@swarco.com	Phone: (503) 421-5227 Cell: (503) 421-5227 Fax: (503) 208-2785  www.swarco.com	<b>Director 2 - (DG) Director 2 (DG-WR)</b>  white/yellow available	DG = Detour Grade WR = Wet Reflective  approved 4 /26/1999
Tape4 LLC Greg Gibson P.O. Box 300575 St Louis MO 63130 greg@tape4.com	Phone: (314) 968-2569 Cell: (314) 504-0742 Fax: (314) 968-0494  www.tape-4.com	<b>Aztec III R</b>  white/yellow available  alt. contact is David Littleton (e: david@tape4.com)	R = Removeable  approved 6 /7 /2013

**641.02.01 IMPACT ATTENUATORS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Hill & Smith, Inc. Cecil Brown 987 Buckeye Park Road Columbus OH 43207 cecil.brown@hillandsmith.com	Phone: (614) 340-6294 Cell: Fax:  www.hillandsmith.com	<b>SCI100GM</b>	MASH approved, TL-3 Compliant; Approved at all speeds.  approved 2 /23/2007

**641.02.01 IMPACT ATTENUATORS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Hill & Smith, Inc. Matt Reudelhuber 1375 Quilici Ranch Rd. Reno NV 89439 matthew.reudelhuber@roadsafetraffic.com www.roadsafetraffic.com	Phone: (775) 277-1781 Cell: Fax: <b>SmartPod Crash Cushion</b>	approved 6 /17/2024
Lindsay Transportation Solutions Sean Brockhouse 18135 Burke St Omaha NE 68022 sean.brockhouse@lindsay.com www.lindsay.com	Phone: (402) 829-6800 Cell: Fax: <b>TAU-XR</b>	approved 6 /14/2024
Lindsay Transportation Solutions, LLC Larry Savage 180 River Road Rio Vista CA 94571 larry.savage@lindsay.com www.lindsay.com/transportation-solutions	Phone: (707) 374-6800 Cell: (916) 474-9644 Fax: (707) 374-6801 <b>Universal TAU-M</b>	MASH TL-3 approved 7 /22/2019
Traffix Devices, Inc. Howard Tolliver 160 Avenida La Pata San Clemente CA 92673 htolliver@traffixdevices.com see remarks	Phone: (949) 361-5663 Cell: (859) 469-0364 Fax: <b>Delta Crash Cushion</b>	MASH TL-3; <a href="https://www.traffixdevices.com/products/attenuators/delta">https://www.traffixdevices.com/products/attenuators/delta</a> approved 12/20/2021
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com www.valtir.com	Phone: (916) 644-9102 Cell: Fax: <b>QuadGuard Elite M10</b>	MASH TL-3; 24 and 69 inch widths approved approved 3 /11/2021
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com www.valtir.com	Phone: (916) 644-9102 Cell: Fax: <b>QuadGuard M Wide</b>	MASH TL-3 approved 3 /11/2021
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com www.valtir.com	Phone: (916) 644-9102 Cell: Fax: <b>QuadGuard M10</b>	MASH TL-3 approved 3 /27/2019
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@valtir.com www.valtir.com	Phone: (916) 644-9102 Cell: Fax: <b>REACT M</b>	MASH TL-3 approved 12/20/2021

**642.02.02 CONCRETE PANEL WALL SYSTEMS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
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**642.02.02 CONCRETE PANEL WALL SYSTEMS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Big R Bridge: Vist-A-Wall Systems Jeffrey Stone 650 Justice Lane Mansfield TX 76063 jstone@bigrbridge.com	<b>Stabilized Earth Walls</b> Phone: (817) 225-0852 Cell: (770) 871-9782 Fax: (817) 507-0197 bigrbridge.com	NV sales contact Pete Niemann (ph) 970-584-2382 (e) pniemann@bigrbridge.com. <b>approved</b> 8 /28/2013
Reinforced Earth Company Jack Mackie 3033 S. Parker Rd., Suite 1100 Aurora CO 80014 jmackie@reinforcedearth.com	<b>GeoMega MSE Wall System</b> Phone: (720) 779-2925 Cell: (303) 790-1481 Fax: www.reinforcedearth.com	MANDATORY consultation with NDOT Structures and Geotechnical BEFORE submitting on a bid--contact coordinator to get contact info for this well in advance. Approved with Omega connection ONLY. Height restricted to 50 ft maximum. <b>approved</b> 3 /27/2019
Reinforced Earth Company Jack Mackie 3033 S. Parker Rd, STE 1100 Aurora CO 80014 jmackie@reinforcedearth.com	<b>Reinforced Earth Lrg Wall</b> Phone: (720) 779-2925 Cell: (303) 790-1481 Fax: www.reinforcedearth.com	<b>approved</b> 2 /7 /2001
Reinforced Earth Company Jack Makie 3033 S. Parker Rd., STE 1100 Aurora CO 80014 jmackie@reinforcedearth.com	<b>Retained Earth</b> Phone: (720) 779-2925 Cell: (303) 790-1481 Fax: www.reinforcedearth.com	<b>approved</b> 2 /7 /2001
SSL, LLC Andrew Thompson 4740 Scotts Valley Drive Suite E Scotts Valley CA 95066 andrewt@mseplus.com	<b>MSE Earth</b> Phone: (831) 430-9300 Cell: (831) 331-6199 Fax: (831) 430-9340 www.mseplus.com	Modified panels required; W24 longitudinal wire not permitted <b>approved</b> 5 /6 /2002
SSL, LLC Andrew Thompson 4740 Scotts Valley Drive Suite E Scotts Valley CA 95066 andrewt@mseplus.com	<b>MSE Large Wall Panel</b> Phone: (831) 430-9300 Cell: (831) 331-6199 Fax: (831) 430-9340 www.mseplus.com	Modified panels required; W24 longitudinal wire not permitted <b>approved</b> 5 /6 /2002
SSL, LLC Andrew Thompson 4740 Scotts Valley Drive Suite E Scotts Valley CA 95066 andrewt@mseplus.com	<b>MSE Plus</b> Phone: (831) 430-9300 Cell: (831) 331-6199 Fax: (831) 430-9340 www.mseplus.com	Modified panels required; W24 longitudinal wire not permitted <b>approved</b> 5 /6 /2002
Structured Soil Nichole Maldonado 1603 Capitol Ave., STE 413D170 Cheyenne WY 82001 info@structuredsoil.com / nicole@structured	<b>Reinforced Soil Embankment Wall</b> Phone: (307) 316-5545 Cell: (707) 443-5093 Fax: www.structuredsoil.com	<b>approved</b> 9 /8 /1998

**642.02.02 CONCRETE PANEL WALL SYSTEMS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Tensar International Corporation Robert Johnson 2500 Northwinds Parkway, Suite 500 Alpharetta GA 30009 rjohnson@tensarcorp.com	Phone: (770) 344-2090 Cell: (770) 557-5015 Fax: (770) 344-2084 www.tensarcorp.com	<b>Ares Retaining Precast Wall</b>  approved 6 /11/1998

**642.02.03 SEGMENTAL BLOCK WALL SYSTEMS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Jensen Precast Steven Jensen 9895 Double R Blvd. Reno NV 89521 sjensen@jensenprecast.com	Phone: (775) 352-2700 Cell: (775) 352-6307 Fax: (775) 359-6364 www.jensenprecast.com	<b>Redi-Rock</b>  Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 642.02.03 NDOT specifications  approved 7 /23/2009
Reinforced Earth Company Jack Mackie 3033 S. Parker Rd STE 1100 Aurora CO 80014 jmackie@reinforcedearth.com	Phone: (720) 779-2925 Cell: (303) 790-1481 Fax: www.reinforcedearth.com	<b>Pyramid</b>  Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 642.02.03 NDOT specifications  approved 9 /30/1994
Super Lite Block Estrella Cotto 3565 East Bost Road Suite 108 Las Vegas NV 89021 estrella.cotto@oldcastleapg.com	Phone: (866) 758-3427 Cell: (702) 255-6364 Fax: www.keystonewalls.com	<b>KeySteel SQFT MSE Panel</b>  Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 642.02.03 NDOT specifications  approved 5 /15/2002
Tensar International Corporation Robert Johnson 2500 Northwinds Parkway, Suite 500 Alpharetta GA 30009 rjohnson@tensarcorp.com	Phone: (770) 344-2090 Cell: (770) 557-5015 Fax: (770) 344-2084 www.tensarcorp.com	<b>MESA</b>  Permitted only when specified in the contract documents as an acceptable product.  approved 1 /1 /2012

**646.02.02 CRACK SEALANTS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Adhesives Technology Corporation Renee Thomas 16175 NW 49th Ave. Miami Gardents FL 33014 atcinfo@atcepoxy.com	Phone: (800) 892-1880 Cell: (954) 789-4764 Fax: (954) 782-2499 www.atcepoxy.com	<b>CRACKBOND V65 HI-MOD</b> Type I, II, IV and V; Grade 1; Class B and C.  approved 12/17/2018
E-Chem, LLC Renee Thomas 4102 El Rey Road SE Albuquerque NM 87105 rthomas@atcepoxy.com	Phone: (505) 217-2121 Cell: (954) 789-4764 Fax: www.e-chem.net	<b>EP100-SEAL HM</b> ASTM C881 Type I, II, IV, and V; Grade 1; Class B and C  approved 7 /22/2019

**646.02.02 CRACK SEALANTS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
E-Chem, LLC Renee Thomas 4102 El Rey Road SE Albuquerque NM 87105 rthomas@atcepoxy.com	Phone: (505) 217-2121 Cell: (954) 789-4764 Fax: www.e-chem.net	<b>EP-SLV</b> ASTM C881 Type I, II, IV, and V; Grade 1; Class B and C <b>approved</b> 7 /22/2019
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	<b>Dural 335</b> ASTM C881 Type I and IV; Grade 1; Class C <b>approved</b> 6 /22/2021
Sika Corporation Mark Aument 201 Polito Avenue Lyndhurst NY 07071 aument.mark@us.sika.com	Phone: (952) 403-6547 Cell: (952) 250-1787 Fax: usa.sika.com	<b>Sikadur 55 SLV</b> Type I and II; Grade 1; Class C <b>approved</b> 6 /15/2016
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	<b>CI-LPL</b> ASTM C881 Type I and IV; Grade 1; Class C <b>approved</b> 9 /19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	<b>CI-LV</b> ASTM C881 Type I, II, IV and V; Grade 1; Class B and C <b>approved</b> 9 /19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	<b>CI-LV FS</b> ASTM C881 Type I, II, IV and V; Grade 1; Class B and C <b>approved</b> 9 /19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	<b>CI-SLV</b> ASTM C881 Type I and IV; Grade 1; Class C <b>approved</b> 9 /19/2022

**646.02.04 SHEET MEMBRANE**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Protecto Wrap Company Mitch Stadt 1955 S. Cherokee St. Denver CO 80223 mitch@protectowrap.com	Phone: (310) 926-2028 Cell: Fax: (303) 777-9273 www.protectowrap.com	<b>M-400A(R)</b> <b>approved</b> 9 /19/2024

**646.02.04 SHEET MEMBRANE**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
W.R. Meadows, Inc. Christopher Mader 300 Industrial Drive Hampshire IL 60140 DOT@wrmeadows.com	Phone: (847) 214-2110 Cell: (224) 325-1080 Fax: www.wrmeadows.com	<b>MEL-DEK</b> approved 10/3 /2022

**646.02.05 LIQUID MEMBRANE**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
PPG Jonathan Haydu 686 S. Adams Street Kansas City KS 66105 info@bridgepreservation.com	Phone: (913) 321-9000 Cell: Fax: www.bridgepreservation.com	<b>Bridge Deck Membrane (BDM)</b> approved 9 /25/2017

**702.03.01c CURING COMPOUND (LIQUID MEMBRANE FORMING FOR CURING CONCRETE)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.com	<b>Atlas Res-Cure</b> ASTM C309 Type 1D approved 9 /2 /2008
ChemMasters John Kirk 300 Edwards St. Madison OH 44057 johnkirk@chemmasters.net	Phone: (440) 428-2105 Cell: (800) 486-7866 Fax: www.chemmasters.net	<b>Safe-Cure 1200 Clear</b> "ASTM C309 Type 1D variant only" approved 6 /14/2024
ChemMasters, Inc. John Kirk 300 Edwards St. Madison OH 44057 johnkirk@chemmasters.net	Phone: (800) 486-7866 Cell: (440) 428-2105 Fax: (440) 428-7091 www.chemmasters.net	<b>Safe-Cure 1000 Clear w/Dye</b> ASTM C309 Type 1D Variant On ly approved 3 /11/2021
Dayton Superior Corporation Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	<b>Resin Cure w/Dye J11WD</b> ASTM C309 Type 1D. Ext. 44376. approved 1 /8 /2010
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (216) 531-9222 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	<b>KUREZ DR VOX</b> ASTM C309 Type 1D approved 3 /15/2023



**702.03.01c CURING COMPOUND (LIQUID MEMBRANE FORMING FOR CURING CONCRETE)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (216) 531-9222 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	<b>Tammsecure WB</b>	ASTM C309 Type 1D approved 3 /15/2023
Kaufman Products, Inc. Alex S. Kaufman 3811 Curtis Ave. Baltimore MD 21226 akaufman@kaufmanproducts.net	Phone: (410) 354-8600 Cell: (800) 637-6372 Fax: (410) 354-1122 www.kaufmanproducts.net	<b>Thinfilm 420</b>	"ASTM C309 Type 1D variant only" approved 3 /20/2024
SpecChem Michael Lemark 1511 Baltimore Ave. Kansas City MO 64108 mlemark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax:	<b>SpecRez</b>	Type 1D approved 3 /26/2018
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	<b>US SPEC MaxCure Resin Clear</b>	ASTM C309 Type 1D approved 2 /6 /2006
W.R. Meadows Chris Mader 300 Industrial Dr. Hampshire IL 60140 dot@wrmeadows.com	Phone: (847) 214-2100 Cell: (224) 325-1080 Fax: www.wrmeadows.com	<b>1100 Clear</b>	ASTM C309 Type 1D Variant Only approved 8 /21/2019
W.R. Meadows Chris Mader 300 Industrial Dr. Hampshire IL 60140 dot@wrmeadows.com	Phone: (847) 214-2100 Cell: (224) 325-1080 Fax: www.wrmeadows.com	<b>1300 Clear</b>	ASTM C309 Type 1D Variant Only approved 8 /21/2019

**702.03.01d CURING COMPOUND (WHITE PIGMENTED, WAX BASE)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.com	<b>Atlas Pro-Cure White</b>	approved 9 /2 /2008
ChemMasters, Inc. John Kirk 300 Edwards St. Madison OH 44057 johnkirk@chemmasters.net	Phone: (800) 486-7866 Cell: (440) 428-2105 Fax: (440) 428-7091 www.chemmasters.net	<b>Safe-Cure 800</b>	approved 3 /11/2021

**702.03.01d CURING COMPOUND (WHITE PIGMENTED, WAX BASE)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Crafco, Inc. Kelsey Naumann 6165 W. Detroit Street Chandler AZ 85226 kelsey.naumann@crafco.com	Phone: (602) 276-0406 Cell: Fax:  https://crafco.com	<b>White Water Wax 309</b>    approved 3 /14/2022
Dayton Superior Corporation Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473  www.daytonsuperior.com	<b>White Wax Cure J9A</b> Ext. 44376.    approved 8 /29/2008
Kaufman Products, Inc. Alex S. Kaufman 3811 Curtis Ave. Baltimore MD 21226 akaufman@kaufmanproducts.net	Phone: (410) 354-8600 Cell: (800) 637-6372 Fax: (410) 354-1122  www.kaufmanproducts.net	<b>ThinfilM 445</b>    approved 3 /20/2024
SpecChem Michael Lemark 1511 Baltimore Ave Ste 600 Kansas City MO 64108 mlemark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax:  www.specchemllc.com	<b>Atlas Pro-Cure White</b>    approved 1 /22/2014
SpecChem Michael Lemark 1511 Baltimore Ave., Suite 600 Kansas City KS 64108 mlemark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax:  www.specchemllc.com	<b>PaveCure WW</b>    approved 2 /18/2008
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426  www.usspec.com	<b>US SPEC MaxCure Wax White</b>    approved 7 /2 /2008
W.R. Meadows Chris Mader 300 Industrial Dr. Hampshire IL 60140 dot@wrmeadows.com	Phone: (847) 214-2100 Cell: (224) 325-1080 Fax:  www.wrmeadows.com	<b>1600 White</b>    approved 5 /2 /2019

**702.03.04 CURING COMPOUND (BRIDGE DECK)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488  www.atlasform.com	<b>Atlas Pro-Cure AMS</b> Bridge Decks ASTM C309, Type 2, Class B    approved 9 /2 /2008

**702.03.04 CURING COMPOUND (BRIDGE DECK)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
ChemMasters, Inc. John Kirk 300 Edwards St. Madison OH 44057 johnkirk@chemmasters.net	Phone: (800) 486-7866 Cell: (440) 428-2105 Fax: (440) 428-7091 www.chemmasters.net	<b>Certi-Vex Envio Cure White 1315</b> approved 12/31/2019
Kaufman Products, Inc. Alex S. Kaufman 3811 Curtis Ave. Baltimore MD 21226 akaufman@kaufmanproducts.net	Phone: (410) 354-8600 Cell: (800) 637-6372 Fax: (410) 354-1122 www.kaufmanproducts.net	<b>Thinfilm 454</b> approved 3 /20/2024
SpecChem Michael Lemark 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 mlemark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax:	<b>Atlas Pro-Cure AMS</b> approved 1 /22/2014
SpecChem Michael Lemark 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 mlemark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax:	<b>Pave Cure AMS</b> approved 5 /7 /2013
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	<b>US SPEC AMS 3754 White</b> Bridge Decks ASTM C309, Type 2, Class B approved 6 /17/2008
W.R. Meadows, Inc. Chris Mader 300 Industrial Drive Hampshire IL 60140 DOT@wrmeadows.com	Phone: (847) 214-2100 Cell: (224) 325-1080 Fax: www.wrmeadows.com	<b>2250-WHITE</b> approved 9 /19/2022

**702.03.05 POZZOLANS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
3M Gokul Venkitachalam 18750 Minnesota Road Corona CA 92881-4313 gvenkitachalam@mmm.com	Phone: (951) 520-4639 Cell: (405) 245-3643 Fax:	<b>NP200C</b> Class N approved 9 /17/2020
Charah Solutions Timothy Cole 12601 Plantside Drive Louisville KY 40299 tcole@charah.com	Phone: (502) 631-0043 Cell: Fax: www.charah.com	<b>Miami Fort</b> Class F approved 6 /22/2021

**702.03.05 POZZOLANS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
EM Resources Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@ecmaterial.com	Phone: (239) 565-2338 Cell: Fax:  www.flyash.com	<b>Oak Grove Coal Ash Class F</b> Class F     approved 3 /20/2024
EM Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@ecomaterial.com	Phone: (239) 565-2338 Cell: Fax: (866) 449-8108  www.flyash.com	<b>Class F Fly Ash Delta</b> Class F Fly Ash Sources: Plant: Delta Plant, UT    approved 2 /17/2010
EM Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@ecomaterial.com	Phone: (239) 565-2338 Cell: Fax: (866) 449-8108  www.flyash.com	<b>Coal Creek Class F Fly Ash</b> Class F    approved 4 /1 /2020
EM Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB-190 Cape Coral FL 33904 cwallace@ecomaterial.com	Phone: (239) 565-2338 Cell: Fax: (866) 449-8108  www.flyash.com	<b>Craig Class F Fly Ash</b> Class F    approved 4 /1 /2020
EM Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@ecomaterial.com	Phone: (239) 565-2338 Cell: Fax: (866) 449-8108  https://flyash.com	<b>Kirkland Natural Pozzolan</b> Class N    approved 9 /20/2021
EM Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@ecomaterial.com	Phone: (239) 565-2338 Cell: Fax: (866) 449-8108  https://flyash.com	<b>Prairie State</b> Class F    approved 6 /22/2021
Geofortis Utah, LLC Dana Francis 30 S Tooele Blvd Tooele UT 84074 dfrancis@geofortis.com	Phone: (325) 207-1512 Cell: (925) 878-1459 Fax:  www.Geofortis.com	<b>Geofortis Utah Natural Pozzolan</b> Class N    approved 9 /17/2020
Golden State Pozzolan Ben Inkster 5980 Outfall Circle Sacramento CA 95828 ben@goldenstatecrushing.com	Phone: (916) 381-4100 Cell: (209) 552-5550 Fax:  www.goldenstatecrushing.com	<b>GSP Class N</b> Class N    approved 3 /14/2022

**702.03.05 POZZOLANS**

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
MIC Global Solutions, LLC Amer Masri 500 Winderley Place, Suite 200 Maitland FL 32751 a.masri@manaseer-ic.com	Phone: (689) 240-6500 Cell: (727) 335-9331 Fax:  https://manaseergroup.com	<b>ManaseerCrete</b>	Class N	approved
Nevada Cement Company, LLC Scott Murphy 1290 West Main Street Fernley NV 89408 smurphy@nevadacement.com	Phone: (775) 575-2281 Cell: (775) 232-4508 Fax: (775) 575-4387  www.nevadacement.com	<b>Pozzolan Class "N"</b>	Class N	approved 4 /8 /2011
Salt River Materials Group - Phoenix Cement Co Jeff Hearne 8800 East Chaparral Road, Suite 155 Scottsdale AZ 85250-2606 jhearne@srmaterials.com	Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758  www.srmaterials.com	<b>Apache Class F Fly Ash</b>		approved 4 /16/2020
Salt River Materials Group - Phoenix Cement Co Jeff Hearne 8800 East Chaparral Road, Suite 155 Scottsdale AZ 85250-2606 jhearne@srmaterials.com	Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758  www.srmaterials.com	<b>Bonanza Class F Fly Ash</b>		approved 9 /25/2017
Salt River Materials Group - Phoenix Cement Co Jeff Hearne 8800 East Chaparral Road, Suite 155 Scottsdale AZ 85250-2606 jhearne@srmaterials.com	Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758  www.srmaterials.com	<b>Huntington Class F Fly Ash</b>	Class F	approved 3 /14/2022
Salt River Materials Group - Phoenix Cement Co Jeff Hearne 8800 East Chaparral Road, Suite 155 Scottsdale AZ 85250-2606 jhearne@srmaterials.com	Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758  www.srmaterials.com	<b>Pozzolan Class F</b>	Plant: Cholla Plant, Joseph City, AZ Plant: Four Corners Plant, Fruitland, NM Plant: Gallup Plant, Gallup, NM	approved 2 /4 /2011
Salt River Materials Group - Phoenix Cement Co. Jeff Hearne 8800 East Chaparral Road, Suite 155 Scottsdale AZ 85250 jhearne@srmaterials.com	Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758  www.srmaterials.com	<b>Bridger Class F Fly Ash</b>	Class F	approved 2 /9 /2023

**702.03.05 POZZOLANS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Whitemud Resources Incorporated Thomas O'Neill 6713 Fairmount Drive SE Calgary, Alberta, T2H 0X6 Canada info@whitemudresources.com	Phone: (403) 281-2215 Cell: (403) 801-4125 Fax:  www.whitemudresources.com	<b>Metakaolin</b> Class N. Mobile# (403) 801-4125.  approved 2 /4 /2011

**707.03.04 JOINT SEALER (FOR WEAKENED PLANE JOINTS IN PCCP)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513  www.crafco.com	<b>Roadsaver Silicone SL</b>  approved 6 /20/2006
DS Brown Company Ryan Sypherd 300 East Cherry Street North Baltimore OH 45872 rsypherd@dsbrown.com	Phone: (419) 257-3561 Cell: (651) 262-6308 Fax: (419) 257-2200  www.dsbrown.com	<b>DSB 900 SL Silicone</b> SL = Self Leveling  approved 4 /5 /2005
Pecora Corporation Glen Murphy 165 Wambold Road Harleysville PA 19438 murphyg@pecora.com	Phone: (214) 723-6051 Cell: (818) 519-7658 Fax: (215) 721-0286  www.pecora.com	<b>Pecora 300SL</b>  approved 9 /15/2001
Sika Corporation Mark Aument 201 Polito Avenue Lyndhurst NJ 07071 aument.mark@us.sika.com	Phone: (952) 403-6547 Cell: (952) 250-1787 Fax:  usa.sika.com	<b>Sikasil 728 SL</b>  approved 8 /5 /2005
The Dow Chemical Company Jason Sika 12081 West Alameda Parkway #421 Lakewood CO 80228 jason.sika@dow.com	Phone: (989) 496-3833 Cell: (303) 880-9614 Fax:  www.dow.com	<b>DOWSIL 890-SL Silicone Sealant</b>  approved 3 /20/1997
Tremco CPG, Inc. Technical Services 3735 Green Road Beachwood OH 44122 techresources@tremcoinc.com	Phone: (866) 209-2404 Cell: (216) 292-5000 Fax: (216) 766-5535  www.tremcosealants.com	<b>Spectrem 900 SL Formula 974831 w/ 333 Cartridges</b> SL = Self Leveling  approved 5 /31/2002

**714.03.01b COATING SYSTEMS FOR BRIDGES**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**714.03.01b COATING SYSTEMS FOR BRIDGES**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Carboline Company Agatha McFarland 2150 Schuetz Road Maryland Heights MO 63146 amcfarland@carboline.com	Phone: (314) 644-1000 Cell: (770) 846-1318 Fax: (314) 587-2693  www.carboline.com	<b>Use the System in Remarks</b>  Shop Coat: Carbozinc 11, Part A: Base Part B: Zinc Filler. 1st Field Coat: Carboguard 893 Cycloaliphatic Amine Epoxy-Part A: Resin Part B: Catalyst. Top Coat: Carbothane 134 HS Aliphatic Acrylic Polyurethane-Part A: Resin Part B: Urethane Converter 811	<b>approved</b> 12/30/1998
PPG Protective & Marine Coatings Tod Savage 6359 Rancho Mission Rd #2 San Diego CA 92108 nyemiller@msn.com	Phone: (714) 337-1953 Cell: (619) 633-8406 Fax:  www.ppgpmc.com	<b>Use the System in Remarks</b>  Shop Coat: Dimetecote 9 Inorganic Zinc, Part A: Base Part B: Zinc Dust 1st Field Coat: Amercoat® 385 Multi-Purpose Epoxy - PartA: Resin Part B: Cure Top Coat: Amercoat 450 H Aliphatic Polyurethane - Part A: Resin Part B: Cure	<b>approved</b> 5 /21/2008
Sherwin Williams Company Paul Trautman 101 Prospect Avenue NW Cleveland OH 44115 paul.trautmann@sherwin.com	Phone: (216) 566-1733 Cell: (714) 699-6358 Fax: (216) 830-7721  www.sherwin-williams.com	<b>Use the System in Remarks</b>  Shop Coat: Zinc Clad II, Part E: B69V3 Part F: B69D11 1st Field Coat: Recoatable Epoxy Primer - Part G: B67R5 Part H: B67V5 Top Coat: Sherthane® 2K Urethane - Part A: B65-150 Series Part B: B65V150	<b>approved</b> 12/30/1998

**716.03.01a REFLECTIVE SHEETING (TYPE IV)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
3M Eric Dornak 3M Center, 235-3W-053 St. Paul MN 55144 ejdornak@mmm.com	Phone: (702) 743-0012 Cell: Fax:  www.3m.com	<b>Flexible Prismatic Retroreflective Sheeting Series 3300i</b>	For work zone barrels, drums, and other channelizers  <b>approved</b> 6 /14/2024
3M Company Eric Dornak 3M Center, Bldg 233-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M Diamond Grade Flexible Work Zone Sheeting 3910 White</b>	Type IV for work zone drums and delineators  <b>approved</b> 8 /16/2000
3M Company Eric Dornak 3M Center, Bldg 233-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M™ Diamond Grade™ Flexible Work Zone Sheeting 3911 Fluorescent Yellow</b>	Type IV for work zone drums and delineators  <b>approved</b> 8 /16/2000
3M Company Eric Dornak 3M Center, Bldg 223-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M™ Diamond Grade™ Flexible Work Zone Sheeting 3914 Fluorescent Orange</b>	Type IV for work zone drums and delineators  <b>approved</b> 8 /16/2000
3M Company Eric Dornak 3M Center, Bldg 223-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M™ Diamond Grade™ Fluorescent Work Zone Sheeting Series 3924S</b>	Type IV for Barricades ONLY and Permanent Traffic  <b>approved</b> 12/1 /2004

**716.03.01a REFLECTIVE SHEETING (TYPE IV)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
3M Company Eric Dornak 3M Center, Bldg 223-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M™ High Intensity Prismatic Reflective Sheeting Series 3930</b> Type IV for Barricades ONLY and Permanent Traffic  approved 12/1 /2004
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925  www.reflectives.averydennison.com	<b>T6500 P HI</b> Type IV for temporary traffic control devices, delineators and permanent signs ONLY  approved 7 /10/2001
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925  www.reflectives.averydennison.com	<b>W6000 P</b> Type IV for temporary traffic control devices, delineators, and work zone barricade ONLY  approved 7 /10/2001
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925  www.reflectives.averydennison.com	<b>W7514 F</b> Type IV for temporary traffic control devices, delineators, and work zone signs ONLY  approved 7 /10/2001
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925  www.reflectives.averydennison.com	<b>WR-7100 White R</b> Type IV F= Fluorescent; R= Reboundable  approved 3 /31/2011
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925  www.reflectives.averydennison.com	<b>WR-7114 Orange FR</b> Type IV F= Fluorescent; R= Reboundable  approved 3 /31/2011
Avery Dennison Reflective Solutions Nipa Joshi 7542 North Natchez Ave. Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925  www.reflectives.averydennison.com	<b>Avery Dennison WC-4100 Cone Collar Sheeting</b>  approved 6 /11/2020
Nippon Carbide Industries (USA), Inc. Andy Kato 13856 Bettencourt St. Cerritos CA 90703 akato@nikkalite.com	Phone: (800) 821-4264 Cell: (562) 777-1810 Fax: (562) 777-1811  www.nikkalite.com	<b>Nikkalite CRG 94000</b>  approved 6 /11/2020



**716.03.01a REFLECTIVE SHEETING (TYPE IV)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199  www.orafol.com	<b>ORALITE 5900 High Intensity Prismatic All Colors</b> Type IV  approved 2 /5 /2013
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199  www.orafol.com	<b>ORALITE 5900 White and Yellow Intensity Prismatic</b> Type IV  approved 2 /5 /2013
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199  www.orafol.com	<b>ORALITE 5934 Super Bright Reboundable Sheeting</b>  approved 9 /17/2020

**716.03.01b REFLECTIVE SHEETING (TYPE V)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199  www.orafol.com	<b>ORALITE AP 1000</b> Type V  approved 4 /8 /1999 For use in work zones on barrier and guardrail delineation and roadside delineation posts.
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199  www.orafol.com	<b>ORALITE AR 1000</b> Type V  approved 4 /8 /1999 For use in work zones on barrier and guardrail delineation and roadside delineation posts.

**716.03.01c REFLECTIVE SHEETING (TYPE VI)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
3M Company Eric Dornak 3M Center, Bldg 223-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M Flexible Prismatic Cone Sheeting 3340</b> Type VI  approved 8 /16/2000 for traffic PVC cones ONLY
3M Company Eric Dornak 3M Center, Bldg 223-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M™ Diamond Grade™ Roll-Up Sign Sheeting Series RS24</b> Type VI  approved 8 /16/2000 for Barricades ONLY and Permanent Traffic; *Roll-up Signs

**716.03.01c REFLECTIVE SHEETING (TYPE VI)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Avery Dennison Reflective Solutions Nipa Joshi 7542 North Natchez Ave. Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925  www.reflectives.averydennison.com	<b>Avery Dennison OmniBrite WU-7000 Roll- Up Series</b>  approved 6 /11/2020
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199  www.orafol.com	<b>ORALITE 5934 Super Bright Reboundable Sheeting</b>  approved 9 /17/2020
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199  www.orafol.com	<b>ORALITE Marathon Roll- Up</b> Type VI for use in emergency traffic control construction work zones and utility work areas approved 4 /8 /1999
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199  www.orafol.com	<b>ORALITE Super Bright Roll- Up</b> Type VI for use in emergency traffic control construction work zones and utility work areas approved 4 /8 /1999
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199  www.orafol.com	<b>Reflective Flag*</b> Type VI *for flagger poles ONLY approved 4 /6 /2011

**716.03.01d REFLECTIVE SHEETING (TYPE IX)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
3M Company Eric Dornak 3M Company St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M™ Diamond Grade™ VIP Reflective Sheeting 3990 Series</b> Type IX DG=Diamond Grade approved 9 /10/2010
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199  www.orafol.com	<b>ORALITE 5930 Fluorescent Orange Work Zone Rigid</b> Type IX approved 2 /5 /2013

**716.03.01e REFLECTIVE SHEETING (TYPE XI)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
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**716.03.01e REFLECTIVE SHEETING (TYPE XI)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
3M Company Eric Dornak 3M Center, Bldg 223-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M Diamond Grade DG</b> Type XI B=Barricade; WZ=Work Zones	approved 8 /16/2000
3M Company Eric Dornak 3M Center, Bldg 233-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M™ Diamond Grade™ DG<sup>3</sup> Fluorescent Reflective Sheeting Series 4080</b> Type XI B=Barricade; WZ=Work Zones	approved 8 /16/2000
3M Company Eric Dornak 3M Center, Bldg 233-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>3M™ Diamond Grade™ DG<sup>3</sup> Reflective Sheeting Series 4000</b> Type XI B=Barricade; WZ=Work Zones	approved 8 /16/2000
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925  www.reflectives.averydennison.com	<b>OC T11500</b> Type XI OC=OmniCube	approved 7 /29/2010
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925  www.reflectives.averydennison.com	<b>OC T11511</b> Type XI OC=OmniCube, Fluorescent Yellow	approved 7 /29/2010
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925  www.reflectives.averydennison.com	<b>OC T11513</b> Type XI OC=OmniCube, Fluorescent Yellow Green	approved 7 /29/2010
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925  www.reflectives.averydennison.com	<b>OC T11514</b> Type XI OC=OmniCube, Fluorescent Orange	approved 7 /29/2010
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7100 Cell: (860) 676-7181 Fax: (860) 676-7199  www.orafol.com	<b>ORALITE 9900 Brilliant Grade Premium</b> Type XI	approved 12/15/2023

**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
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**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Adhesives Technology Corporation Renee Thomas 16175 NW 49th Ave. Miami Gardens FL 33014 rthomas@atcepoxy.com	<b>CRACKBOND 2100 MV</b>	Type II; Grade 2; Class B and C	approved 6 /11/2020
Adhesives Technology Corporation Renee Thomas 16175 NW 49th Ave. Miami Gardens FL 33014 rthomas@atcepoxy.com	<b>CRACKBOND LR-321LPL</b>	Type I, II, IV and V; Grade I; Class C	approved 6 /11/2020
Adhesives Technology Corporation Renee Thomas 16175 NW 49th Ave. Miami Gardens FL 33014 rthomas@atcepoxy.com	<b>ULTRABOND 1</b>	Type I, II, IV and V; Grade 3; Class A, B and C	approved 11/21/2005
Adhesives Technology Corporation Renee Thomas 16175 NW 49th Ave. Miami Gardens FL 33014 rthomas@atcepoxy.com	<b>ULTRABOND 1300</b>	Type I, II, IV and V; Grade 3; Class B and C	approved 11/21/2005
Adhesives Technology Corporation Renee Thomas 16175 NW 49th Ave. Miami Gardens FL 33014 rthomas@atcepoxy.com	<b>ULTRABOND HS-1CC</b>	Type II, IV and V; Grade 3; Class A, B and C	approved 3 /26/2018
Adhesives Technology Corporation Renee Thomas 16175 NW 49th Ave. Miami Gardens FL 33014 rthomas@atcepoxy.com	<b>ULTRABOND HS-200</b>	Type I, II, IV and V; Grade 3; Class A, B and C	approved 11/21/2005
ChemCo Systems Sara Geary 2800 Bay Rd Redwood City CA 94063 sara@chemcosystems.com	<b>ProGuard Bonder Paste LP</b>	Type I, II, IV and V; Grade 3; Class C	approved 3 /15/2023
Dayton Superior Corporation Sarah Clark 1125 Byers Road Miamisburg OH 45342 sarahclark@daytonsuperior.com	<b>ProAnchor Elite</b>	Type I, II, IV and V; Grade 3; Class A and B. Ext. 44376.	approved 3 /11/2021

**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Dayton Superior Corporation Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	<b>Phone:</b> (937) 866-0711 <b>Cell:</b> (937) 479-5164 <b>Fax:</b> (937) 847-8473  www.daytonsuperior.com	<b>Sure Anchor I J51</b>  Type I, II, IV and V; Grade 3; Class B and C. Ext. 44376.	<b>approved</b> 12/15/2023
Dayton Superior Corporation Sarah Clark 1125 Byers Road Miamisburg OH 45342 sarahclark@daytonsuperior.com	<b>Phone:</b> (937) 866-0711 <b>Cell:</b> (937) 479-5164 <b>Fax:</b> (937) 847-8473  www.daytonsuperior.com	<b>Sure Bond J58</b>  Type II; Grade 2; Class B and C. Ext. 44376.	<b>approved</b> 6 /22/2021
DEWALT Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoINETTE@sbdinc.com	<b>Phone:</b> (800) 524-3244 <b>Cell:</b> <b>Fax:</b> (914) 576-6483  anchors.dewalt.com	<b>DEWALT Pure 110+</b>  Type I, II, IV and V; Grade 3; Class B and C	<b>approved</b> 12/1 /2016
DEWALT Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoINETTE@sbdinc.com	<b>Phone:</b> (800) 524-3244 <b>Cell:</b> <b>Fax:</b> (914) 576-6483  anchors.dewalt.com	<b>DEWALT Pure50+</b>  Type I, II, IV and V; Grade 3; Class B and C	<b>approved</b> 12/1 /2016
DEWALT Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoINETTE@sbdinc.com	<b>Phone:</b> (800) 524-3244 <b>Cell:</b> <b>Fax:</b>  anchors.dewalt.com	<b>Pure220+</b>  ASTM C881 Types I, II, IV, and V; Grade 3; Class B and C	<b>approved</b> 3 /20/2024
E-Chem, LLC Renee Thomas 4102 El Rey Road SE Albuquerque NM 87105 rthomas@atcepoxy.com	<b>Phone:</b> (505) 217-2121 <b>Cell:</b> (954) 789-4764 <b>Fax:</b> (505) 217-3721  www.e-chem.net	<b>EP-GEL FAST</b>  Type I, II, IV and V; Grade 3; Class B and C	<b>approved</b> 8 /30/2017
E-Chem, LLC Renee Thomas 4102 El Rey Road SE Albuquerque NM 87105 rthomas@atcepoxy.com	<b>Phone:</b> (505) 217-2121 <b>Cell:</b> (954) 789-4764 <b>Fax:</b>  www.e-chem.net	<b>EP-MV</b>  ASTM C881 Type I and II; Grade 2; Class B and C	<b>approved</b> 7 /22/2019
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	<b>Phone:</b> (800) 321-7628 <b>Cell:</b> (216) 692-8305 <b>Fax:</b> (216) 531-9399  www.euclidchemical.com	<b>Dural 452 Gel</b>  Type I, II, IV and V; Grade 3; Class C.	<b>approved</b> 9 /20/2021

**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	<b>Phone:</b> (800) 321-7628 <b>Cell:</b> (216) 692-8305 <b>Fax:</b> (216) 531-9399  www.euclidchemical.com	<b>Dural 452 LV</b> Type I and IV; Grade 1; Class C.	<b>approved</b> 9 /20/2021
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	<b>Phone:</b> (800) 321-7628 <b>Cell:</b> (216) 692-8305 <b>Fax:</b> (216) 531-9399  www.euclidchemical.com	<b>Dural 452 MV</b> Type I, II, IV and V; Grade 2; Class C	<b>approved</b> 11/29/2012
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	<b>Phone:</b> (800) 321-7628 <b>Cell:</b> (216) 692-8305 <b>Fax:</b> (216) 531-9399  www.euclidchemical.com	<b>Dural Fast Set Gel</b> Type I and IV; Grade 3; Class C.	<b>approved</b> 9 /20/2021
Hilti, Inc. Lisa Barkand 7250 Dallas Parkway, Suite 1000 Plano TX 75024 lisa.barkand@hilti.com	<b>Phone:</b> (877) 749-6337 <b>Cell:</b> <b>Fax:</b>  www.hilti.com	<b>HIT-RE 10</b> Type I, II, IV and V; Grade 3; Class A, B and C	<b>approved</b> 9 /24/2018
Hilti, Inc. Peter Anderson 7250 Dallas Parkway, Suite 1000 Plano TX 75024 us-sales@hilti.com	<b>Phone:</b> (972) 403-5948 <b>Cell:</b> <b>Fax:</b> (800) 879-7000  www.us.hilti.com	<b>HIT-RE 100</b> Type I, II, IV and V; Grade 3; Class A, B and C	<b>approved</b> 12/17/2018
Hilti, Inc. Peter Anderson 7250 Dallas Parkway, Suite 1000 Plano TX 75024 peter.anderson@hilti.com	<b>Phone:</b> (972) 403-5948 <b>Cell:</b> <b>Fax:</b>  www.us.hilti.com	<b>HIT-RE 500v3</b> Type I, II, IV, and V; Grade 3; Class A, B, and C	<b>approved</b> 9 /25/2017
ITW Commercial Construction North America Christopher Nelli 155 Harlem Ave. Glenview IL 60025 Adhesive-Anchors@itwccna.com	<b>Phone:</b> (224) 307-9287 <b>Cell:</b> <b>Fax:</b>  www.itwredhead.com	<b>Red Head C6+</b> Type I, II, IV and V; Grade 3; Class B and C. Alt. company email is Adhesive-Anchors@itwccna.com	<b>approved</b> 9 /24/2018
Kaufman Products, Inc. Alex Kaufman 3811 Curtis Avenue Baltimore MD 21226 akaufman@kaufmanproducts.net	<b>Phone:</b> (410) 354-8600 <b>Cell:</b> (410) 336-2284 <b>Fax:</b> (410) 354-1122  www.kaufmanproducts.net	<b>SurePoxy 117</b> ASTM C881 Types I, II, IV, and V; Grade 3; Class C	<b>approved</b> 3 /20/2024

**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Kaufman Products, Inc. Alex Kaufman 3811 Curtis Avenue Baltimore MD 21226 akaufman@kaufmanproducts.net	<b>Phone:</b> (410) 354-8600 <b>Cell:</b> (410) 336-2284 <b>Fax:</b> (410) 354-1122  www.kaufmanproducts.net	<b>SurePoxy HM Gel</b>  ASTM C881 Types I, II, IV, and V; Grade 3; Class C	<b>approved</b> 3 /20/2024
Kaufman Products, Inc. Alex Kaufman 3811 Curtis Avenue Baltimore MD 21226 akaufman@kaufmanproducts.net	<b>Phone:</b> (410) 354-8600 <b>Cell:</b> (410) 336-2284 <b>Fax:</b> (410) 354-1122  www.kaufmanproducts.net	<b>SurePoxy HMLV</b>  ASTM C881 Types I, II, IV, and V; Grade 3; Class B and C	<b>approved</b> 3 /20/2024
MAPEI Corporation Bruce Haller 1144 East Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	<b>Phone:</b> (954) 246-8520 <b>Cell:</b> (954) 637-5121 <b>Fax:</b> (954) 246-8825  www.mapei.com	<b>Planibond AE</b>  Type I, II, IV and V; Grade 3; Class B and C	<b>approved</b> 8 /3 /2011
MAPEI Corporation Luis Falaschi 1144 E. Newport Center Drive Deerfield Beach FL 33442 dsweetland@mapei.com	<b>Phone:</b> (954) 246-8573 <b>Cell:</b> <b>Fax:</b>  www.mapei.com	<b>Planibond Hi-Mod Gel</b>  ASTM C881 Types I, II, IV, and V; Grade 3; Class B and C	<b>approved</b> 3 /20/2024
MasterSpec Materials, LLC Luisa Flores 806 Buchanan Blvd, Ste 115-294 Boulder City NV 89005 info@masterspecmaterials.com	<b>Phone:</b> (702) 997-8838 <b>Cell:</b> (505) 974-0421 <b>Fax:</b>  www.masterspecmaterials.com	<b>RiteBond</b>  Type I, II, IV and V; Grade 2; Class B and C	<b>approved</b> 9 /24/2018
MKT Fastening, LLC Louis Peyron 1 Gunnebo Drive Lonoke AR 72086 louis@mktfastening.com	<b>Phone:</b> (501) 676-2222 <b>Cell:</b> <b>Fax:</b> (501) 676-7266  www.mktfastening.com	<b>Liquid Roc 500+</b>  Type IV; Grade 3; Class B and C	<b>approved</b> 9 /25/2017
Pecora Corporation Glen Murphy 165 Wambold Road Harleysville PA 19438 murphyg@pecora.com	<b>Phone:</b> (214) 723-6051 <b>Cell:</b> (818) 519-7658 <b>Fax:</b> (215) 721-0286  www.pecora.com	<b>Dynapoxy Low Mod Epoxy</b>  Type III; Grade 2; Class B and C	<b>approved</b> 6 /7 /2010
Sika Corporation Mark Aument 201 Polito Avenue Lyndhurst NJ 07071 aument.mark@us.sika.com	<b>Phone:</b> (952) 403-6547 <b>Cell:</b> (952) 250-1787 <b>Fax:</b>  usa.sika.com	<b>Sika AnchorFix 3001</b>  ASTM C881 Type IV; Grade 3; Class C. Automatic proportioning, mixing, and dispensing equipment must be used.	<b>approved</b> 7 /22/2019

**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Sika Corporation Mark Aument 201 Polito Avenue Lyndhurst NJ 07071 aument.mark@us.sika.com	Phone: (952) 403-6547 Cell: (952) 250-1787 Fax: usa.sika.com	<b>Sikadur 35 Hi Mod</b>	Type I, II and IV; Grade 1; Class C          <b>approved</b> 4 /10/2006
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	<b>ET-HP</b>	ASTM C881 Type I, II, IV and V; Grade 3; Class B and C          <b>approved</b> 9 /19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	<b>RPS-752</b>	ASTM C881 Type II; Grade 2; Class B          <b>approved</b> 9 /19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	<b>SET-3G</b>	ASTM C881 Type I, II, IV and V; Grade 3; Class B and C          <b>approved</b> 9 /19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	<b>SET-XP</b>	ASTM C881 Type I, II, IV and V; Grade 3; Class C          <b>approved</b> 9 /19/2022
SpecChem Michael LeMark 1511 Baltimore Ave. Kansas City MO 64108 mleMark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax: www.specchemllc.com	<b>SpecPoxy 3000</b>	Type I, II, IV and V; Grade 3; Class B and C          <b>approved</b> 3 /27/2019
Unitex Chemicals / Dayton Superior Sarah Clark 1125 Byers Road Miamisburg OH 45342 sarahclark@daytonsuperior.com	Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	<b>Pro-Poxy 200</b>	Type II; Grade 2; Class B and C. Ext. 44376.          <b>approved</b> 6 /22/2021
Unitex Chemicals / Dayton Superior Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	<b>Pro-Poxy 300</b>	Type I, II, IV and V; Grade 3; Class B and C. Ext. 44376.          <b>approved</b> 1 /14/2003



**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Unitex Chemicals / Dayton Superior Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	<b>Pro-Poxy 300 FAST</b> Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	Type I, II, IV and V; Grade 3; Class B and C. Ext. 44376. <b>approved</b> 12/15/2023

**729.03.03 PAINT MARKING MATERIAL - EPOXY**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Colorado Paint Company/Swarco Marilou Bruce 2851 N. Walden Street Aurora CO 80011 marilou.bruce@swarco.com	<b>1180</b> Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881 www.swarco.com/cpc	White: 1180 Part A Yellow: 1186 Part A Hardener: 1185 Part B <b>approved</b> 3 /23/2000 "Lead Free Yellow" contains organic yellow pigment.
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	<b>HPS-3</b> Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflint.com	White: HPS-3 Part A Yellow: HPS-3 Part A Black: HPS-3 Part A Hardener: HPS-3 Part B <b>approved</b> 7 /25/2002 "Lead Free Yellow" contains organic yellow pigment.
Epoplex Chris Beadle 1000 East Park Avenue Maple Shade NJ 08052 cbeadle@epoplex.com	<b>Epoplex LS50</b> Phone: (800) 822-6920 Cell: (302) 893-0009 Fax: (856) 779-2963 www.epoplex.com	White: LS50 Part A Yellow: LS50 Part A Hardener: LS50 Part B <b>approved</b> 2 /6 /2003 "Lead Free Yellow" contains organic yellow pigment.
Epoplex Chris Beadle 1000 East Park Avenue Maple Shade NJ 08052 cbeadle@epoplex.com	<b>Epoplex LS60</b> Phone: (800) 822-6920 Cell: (302) 893-0009 Fax: (856) 779-2963 www.epoplex.com	White: LS60 Part A Yellow: LS60 Part A Hardener: LS60 Part B <b>approved</b> 2 /6 /2003 "Lead Free Yellow" contains organic yellow pigment.
Olin Poly-Carb Solmaz Pirouz 4005 Technology Drive, Suite 1500 Angleton TX 77515 spirouz@olin.com	<b>Mark 55.2</b> Phone: (330) 748-6407 Cell: (979) 480-4607 Fax: https://olinpolycarb.com/	White: Mark 55.2 Part A Yellow: Mark 55.2 Part A Hardener: Mark 55.2 Part B <b>approved</b> 5 /11/2004 "Lead Free Yellow" contains organic yellow pigment.
Olin Poly-Carb Solmaz Pirouz 4005 Technology Drive, Suite 1500 Angleton TX 77515 spirouz@olin.com	<b>Mark 55.3</b> Phone: (330) 748-6407 Cell: (979) 480-4607 Fax: https://olinpolycarb.com/	White: Mark 55.3 Part A Yellow: Mark 55.3 Part A Hardener: Mark 55.3 Part B <b>approved</b> 5 /11/2004 "Lead Free Yellow" contains organic yellow pigment.
Olin Poly-Carb Solmaz Pirouz 4005 Technology Drive, Suite 1500 Angleton TX 77515 spirouz@olin.com	<b>Mark 55.4</b> Phone: (330) 748-6407 Cell: (979) 480-4607 Fax: https://olinpolycarb.com/	White: Mark 55.4 Part A Yellow: Mark 55.4 Part A Hardener: Mark 55.4 Part B <b>approved</b> 10/24/1997 "Lead Free Yellow" contains organic yellow pigment.

**729.03.03 PAINT MARKING MATERIAL - EPOXY**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Swarco/Colorado Paint Company Ling Tan 2851 N. Walden Street Aurora CO 80011 ling.tan@swarco.com	Phone: (303) 388-9265 Cell: (919) 208-3360 Fax: (303) 388-0881  www.swarco.com/cpc	<b>MFUA-10</b> modified polyacrylate two-component 3180 White, 3186 Yellow, 3187 Black, 3185 catalyst  approved 9 /17/2020

**729.03.04a PAINT MARKING MATERIAL - RAPID DRY WATERBORNE (ACRYLIC EMULSION)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Arkema Incorporated  no contact information	Phone: Cell: Fax:	<b>ENCOR DT 250</b> Type I  approved 7 /19/2002

Arkema Incorporated  no contact information provided OR required	Phone: Cell: Fax:	<b>ENCOR DT 400</b> Type II  approved 7 /19/2002
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Dow Chemical/Rohm & Haas LLC  no contact information available OR required	Phone: Cell: Fax:	<b>Fastrack 3427</b> Type I; prev Rhoplex Fastrack 3427; Bulk #10081323; Substance #101051012  approved 5 /20/1999
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Dow Chemical/Rohm & Haas LLC  no contact information available OR required	Phone: Cell: Fax:	<b>Fastrack HD-21A</b> Type II; prev Rhoplex Fastrack HD21A; Bulk #10076070; Substance #101084604  approved 5 /20/1999
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**729.03.04b PAINT MARKING MATERIAL - RAPID DRY WATERBORNE PAINT (TYPE I, TEMPORARY STRIPING FORMULATIO**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Colorado Paint Company/Swarco Marilou Bruce 2851 N Walden Street Aurora CO 80011 marilou.bruce@swarco.com	Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881  www.swarco.com/cpc	<b>W: 1160-NV Waterborne</b> <b>Y: 1166-NV Waterborne</b> Fastrack 3427 W = White; Y = Yellow  approved 12/16/2011
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com/	<b>W: Pervo Plastics 6000</b> <b>Y: Pervo Plastics 6003</b> Fastrack 3427 W = White; Y = Yellow  approved 7 /30/2002

**729.03.04b PAINT MARKING MATERIAL - RAPID DRY WATERBORNE PAINT (TYPE I, TEMPORARY STRIPING FORMULATIO**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
International Coatings Company, Inc. Lin Lin 13929 East 166th Street Cerritos CA 90703 llin@iccink.com	Phone: (562) 926-1010 Cell: Fax: (562) 926-9486  www.iccink.com	<b>W: Line-Pro 5630</b> <b>Y: Line-Pro 5640</b> Fastrack HD-21A W = White; Y = Yellow approved 7 /24/2013
Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@ozarkmaterials.net	Phone: (334) 213-2995 Cell: Fax: (334) 371-2302  www.ingevity.com	<b>Waterborne Standard Paint (white and yellow)</b> Fastrack 3427 approved 3 /27/2019
Svevia USA, Inc. Jason Martyn 14567 Rancho Vista Dr. Fontana CA 92335 jason@roadmaxproducts.com	Phone: (909) 559-4134 Cell: (909) 957-4204 Fax:  https://www.roadmaxproducts.com/	<b>Roadmax Fastdry NDOT Series</b> Fastrack 3427 White = RMP-1000NV-1; Yellow = RMP-1000NV-2 approved 6 /22/2021
Vista Paint Corporation Blanca Lopez 2020 East Orangethorpe Ave. Fullerton CA 92831 blopez@vistapaint.com	Phone: (818) 940-7307 Cell: (714) 680-3800 Fax: (714) 680-3809  www.vistapaint.com	<b>On-Line Fast Dry 6900 Series: white/yellow/black</b> Fastrack 3427 approved 7 /22/2019

**729.03.04c PAINT MARKING MATERIAL - RAPID DRY WATERBORNE (TYPE II, PERMANENT STRIPING FORMULATION)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Colorado Paint Company/Swarco Marilou Bruce 2851 N. Walden Street Aurora CO 80011 marilou.bruce@swarco.com	Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881  www.swarco.com/cpc	<b>W: 1110-NV Ultra High</b> <b>Y: 1116-NV Ultra High</b> Fastrack HD-21A W = White; Y = Yellow approved 12/16/2011
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com/	<b>W: 982831 NVW-HD-M-1</b> <b>Y: 982832 NVY-HD-M-1</b> Fastrack HD-21A W = White; Y = Yellow approved 12/11/2002
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com/	<b>W: 982851</b> <b>Y: 982852</b> Fastrack HD-21A W = White; Y = Yellow Product previously known as W: Pervo Plastics 6050 & Y: Pervo Plastics 6053 approved 7 /30/2002
International Coatings Company, Inc. Lin Lin 13929 East 166th Street Cerritos CA 90703 llin@iccink.com	Phone: (562) 926-1010 Cell: Fax: (562) 926-9486  www.iccink.com	<b>Line-Pro 5610 White</b> <b>Line-Pro 5620 Yellow</b> Fastrack HD-21A Company contact: (562) 926-1010 ext 371 approved 11/19/2013

**729.03.04c PAINT MARKING MATERIAL - RAPID DRY WATERBORNE (TYPE II, PERMANENT STRIPING FORMULATION)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@henderson@ingevity.com	Phone: (334) 213-2995 Cell: Fax: (334) 371-2302  www.ingevity.com	<b>Waterborne Durable Paint (white and yellow)</b>	Fastrack HD-21A     approved 12/17/2018
Sherwin Williams Company Paul Trautman 101 Prospect Avenue NW Cleveland OH 44115 paul.trautmann@sherwin.com	Phone: (216) 566-1733 Cell: (714) 699-6358 Fax: (216) 830-7721  www.sherwin-williams.com	<b>W: TM2398 Y: TM2399</b>	Fastrack HD-21A W = White; Y = Yellow   approved 7 /9 /2003
Svevia USA, Inc. Jason Martyn 14567 Rancho Vista Dr. Fontana CA 92335 jason@roadmaxproducts.com	Phone: (909) 559-4134 Cell: (909) 957-4204 Fax:  https://www.roadmaxproducts.com/	<b>Roadmax HI-BUILD Fastdry NDOT Series</b>	Fastrack HD-21A  White = RMP-1100NV-1; Yellow = RMP-1100NV-2  approved 9 /17/2020

**729.03.05 PAINT MARKING MATERIAL - POLYUREA**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
3M Company Thanh-Huong Do 3M Center, 235-3W-052 St Paul MN 55144 ttdo@mmm.com	Phone: (651) 733-1110 Cell: (702) 743-0012 Fax:  www.3m.com	<b>3M All Weather Liquid Pavement Marking Series 5000</b>	Reflective media applied by Double Drop w/Reflective Element Method is restricted to Clark County w/elevation ≤ 4,000 feet. Double Drop applied w/Glass Sphere statewide.   approved 3 /25/2016
Epoplex Chris Beadle 1000 East Park Avenue Maple Shade NJ 08052 cbeadle@epoplex.com	Phone: (800) 822-6920 Cell: (302) 893-0009 Fax: (856) 779-2963  www.epoplex.com	<b>Epoplex LS90</b>	White: Part A Yellow: Part A Cross Linker: Part B Reflective media applied by Double Drop w/Reflective Element Method is restricted to Clark Co w/elevation ≤ 4,000 feet. Reflective media applied by Double Drop w/Glass Spheres statewide.  approved 2 /6 /2003
Swarco Colorado Paint Company Ling Tan 2851 N. Walden Street Aurora CO 80011 ling.tan@swarco.com	Phone: (303) 388-9265 Cell: (919) 208-3360 Fax: (303) 388-0881  www.swarco.com/cpc	<b>MFUA 12</b>	6180 White: Part A 6185 Crosslinker: Part B 6186 Yellow: Part A 6187 Black: Part A Reflective media applied by Double Drop w/Reflective Element Method is restricted to Clark County w/elevation ≤ 4,000 feet. Double Drop applied w/Glass Sphere statewide  approved 6 /7 /2013

**732.03.01 PAVEMENT MARKING TAPE (TYPE I)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
3M Company Eric Dornak 3M Center, Bldg 223-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com	<b>Series 270</b>	Type I white/yellow available   approved 5 /6 /2011

**732.03.01 PAVEMENT MARKING TAPE (TYPE I)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940  www.trafficmarkings.com	<b>Series 300</b> Type I white/yellow available  approved 4 /29/2008
Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940  www.trafficmarkings.com	<b>Series 400</b> Type I white/yellow available  approved 4 /29/2008
Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series 100</b> Type I white/yellow available  approved 10/10/2007
Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series 200</b> Type I white/yellow available  approved 10/10/2007
Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series Deltaline TWR</b> Type I white/yellow available  approved 10/10/2007
Swarco Industries, LLC Jonathan Knutson 270 Rutherford Lane / PO Box 89 Columbia TN 38401 jonathan.knutson@swarco.com	Phone: (503) 421-5227 Cell: (503) 421-5227 Fax: (503) 208-2785  www.swarco.com	<b>Series Director 60</b> Type I white/yellow available  approved 2 /17/2004

**732.03.02 PAVEMENT MARKING TAPE (TYPE II)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940  www.trafficmarkings.com	<b>Series 300</b> Type II white/yellow available  approved 5 /2 /2008
Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940  www.trafficmarkings.com	<b>Series 400</b> Type II white/yellow available  approved 4 /29/2008

**732.03.02 PAVEMENT MARKING TAPE (TYPE II)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	<b>Series 900</b> Type II white/yellow available approved 2 /2 /2010
Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	<b>Series Deltaline XRP</b> Type II white/yellow available approved 2 /2 /2010

**732.03.03 PAVEMENT MARKING TAPE (TYPE IV)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Company Eric Dornak 3M Center, Bldg 223-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com	<b>3M™ Stamark™ High Performance Pavement Marking Tape Series 380AW; 3M™</b> Type IV IES is a standard high performance optic WR ES is a standard high performance, wet reflective optics approved 5 /6 /2011
3M Company Eric Dornak 3M Center, Bldg 223-3S-33 St. Paul MN 55144 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com	<b>Series 270</b> Type IV IES is a standard high performance optic WR ES is a standard high performance, wet reflective optics approved 5 /6 /2011
Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940 www.trafficmarkings.com	<b>Series 300</b> Type IV white/yellow available approved 10/19/2012
Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940 www.trafficmarkings.com	<b>Series 400</b> Type IV approved 4 /29/2008
Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	<b>Series Deltaline XRP</b> Type IV approved 2 /2 /2010

**732.03.04a PAVEMENT MARKINGS (HOT APPLIED THERMOPLASTIC)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**732.03.04a PAVEMENT MARKINGS (HOT APPLIED THERMOPLASTIC)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Crown USA, Inc. Emily Coker 35 Industrial Park Drive Woodbury GA 30293 ecoker@crownsusa.com	Phone: (706) 553-9500 Cell: Fax: (866) 553-9501  www.crownsusa.com	<b>Ecotherm Yellow Alkyd</b> Yellow Lead free   approved 10/23/2013
Crown USA, Inc. Emily Coker 35 Industrial Park Drive Woodbury GA 30293 ecoker@crownsusa.com	Phone: (706) 553-9500 Cell: (706) 553-9500 Fax: (706) 553-9501  www.crownsusa.com	<b>TuffLine Alkyd</b> White   approved 10/14/2004
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com/	<b>W: 885555 Alkyd Thermoplastic</b> <b>Y: 884685 Alkyd</b> Lead free W = White; Y = Yellow   approved 9 /30/2009
Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@henderson@ingevity.com	Phone: (334) 213-2995 Cell: Fax: (334) 371-2302  www.ingevity.com	<b>ThermoAccel Thermoplastic</b> White and yellow. Product previously known as Accel Thermoplastic.   approved 3 /27/2019
Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@henderson@ingevity.com	Phone: (334) 213-2995 Cell: Fax: (334) 371-2302  www.ingevity.com	<b>Thermoplastic</b> White and yellow.   approved 3 /27/2019

**732.03.04b PAVEMENT MARKINGS (PREFORMED THERMOPLASTIC)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Crown USA, Inc. Emily Coker 600 Poplar Drive Thomaston GA 30286 ecoker@crownsusa.com	Phone: (706) 553-9500 Cell: Fax: (706) 553-9501  www.crownsusa.com	<b>Tuff-Mark</b> select 0.125" / 125 mil thick product   approved 7 /22/2019
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com/	<b>HotTape</b> select 0.125" / 125 mil thick product   approved 5 /3 /2001
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflint.com/	<b>PreMark</b> select 0.125" / 125 mil thick product   approved 5 /3 /2001

**732.03.04b PAVEMENT MARKINGS (PERFORMED THERMOPLASTIC)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	<b>PreMarkXF</b>	select 0.125" / 125 mil thick product	approved 9 /17/2019
Geveko Markings, Inc. Laura Clark / Joseph Thompson 1883 New Harvest Road Gainesville GA 30507 lclark@gevekomarkings.com / jthompson@g	<b>OPTAMARK</b>	select 0.125" / 125 mil thick product	approved 12/20/2017
Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@henderson@ingevity.com	<b>Preformed Thermoplastic</b>	select 0.125" / 125 mil thick product	approved 12/17/2018
Preform, LLC Alex Cady 3845 Deerpark Blvd. Elkton FL 32033 acady@preform.us	<b>PREFORM</b>	select 0.125" / 125 mil thick product. Alternate contact is Roxanne Brown (rox@preform.us), direct# 512-736-5282.	approved 6 /22/2021
Swarco Industries, LLC Jonathan Knutson 270 Rutherford Ln / PO Box 89 Columbia TN 38401 jonathan.knutson@swarco.com	<b>Preformed Thermoplastic</b>	select 0.125" / 125 mil thick product	approved 7 /2 /2018

[Back to Table of Contents](#)