



NEVADA DEPARTMENT OF TRANSPORTATION - RESEARCH SECTION

EXTERNAL PRODUCT/MATERIAL ACCEPTANCE CRITERIA
QPL Section 623.02.16 – DUCT SEALING COMPOUND

Category Description: A permanently soft, non-toxic compound that can be painted immediately after application and will not adversely affect other plastic materials or corrode metals. Placed as a seal around junction boxes, flashings, and service entrances.

Primary Evaluating Section: Traffic Operations

Evaluation Criteria (adopted 09/20/2021):

Criteria	Requirement	Test
Material	Compound shall have a putty-like consistency which does not harden when exposed to air.	Pass/Fail
Adherence	Compound shall adhere to clean surfaces of fiber or plastic ducts, metallic conduit, conduit coatings, concrete, masonry, lead, cable sheaths, cable jackets, insulation materials, and common metals.	Pass/Fail
Seal	Compound shall form a waterproof seal without shrinking, changing characteristics, or dissolving.	Pass/Fail
Safety	Compound shall be safe for contact with human skin and have no adverse effect upon materials.	Pass/Fail
Operating Temperature	Compound is workable by hand at 35°F (2°C) and is capable of withstanding field temperatures up to 300°F (150°C) without slump.	Pass/Fail

INSTRUCTIONS TO APPLICANTS:

Submit completed application package which demonstrate conformance to the above-stated criteria. Include an SDS and the product brochure or technical data sheet which includes storage and handling information, temperature range, and warranty information.

Do not submit samples. Products are evaluated on the basis of the application. Products which fail to perform as expected in the field will be removed from the QPL.