



NEVADA DEPARTMENT OF TRANSPORTATION - RESEARCH SECTION

EXTERNAL PRODUCT/MATERIAL ACCEPTANCE CRITERIA
QPL Section 502.03.19 – FINE SURFACE FINISH (BONDED GROUT)

Category Description: Fine surface finish for concrete surfaces.

Primary Evaluating Section: Materials

Evaluation Criteria (adopted 03/10/2020):

Requirement	Criteria	Test
Water Vapor Transmission	ASTM E96	< 20 Perms
Abrasion Resistance	ASTM C418 or D968	Pass/Fail
Weatherometer @ 6,000 hours	ASTM G26 or G153	No crazing, cracking, chipping, or flaking
Freeze Thaw Durability	ASTM C666 @ 300 cycles or AASHTO R31 @ 30 cycles	Pass/Fail
Scaling Resistance	ASTM C672	No scaling after 50 cycles
Salt Spray Resistance @ 2,000 hours, 5% Solution	ASTM B117	Pass/Fail