



South Carolina Department of Transportation

QUALIFIED PRODUCT POLICY FOR  
TESTING LABORATORIES FOR HIGH FRICTION SURFACE TREATMENT  
POLYMERIC RESIN BINDER  
(QUALIFIED PRODUCT POLICY 87)

GENERAL

The purpose of this policy is to outline the procedures by which third party testing laboratories for High Friction Surface Treatment Polymeric Resin Binder become eligible for placement on the SCDOT Qualified Product List corresponding to this Policy.

\*Publication of a third party testing laboratory on QPL 87 does not establish any contract between the SCDOT and testing agency. All testing fees are to be negotiated solely between the installer of the material and the third party testing laboratories.

INITIAL ACCEPTANCE

In order for a laboratory to be placed on the QPL, the following information must be sent to the contact listed below in the SCDOT Materials Management Unit.

- Which ASTM test methods outlined below the laboratory is equipped and prepared to perform (all precision and bias requirements outlined in these methods will be met.)
- Summary of the laboratory's established Quality Control plan including: equipment calibration plan, required technician qualifications/certifications, technician evaluation/recertification frequencies, .
- Laboratory contact information including shipping address, phone, email, and name of contact person.

REQUIRED TESTING

<u>TEST METHOD</u>	<u>PROPERTY</u>
ASTM D2556	Viscosity
ASTM D2240	Durometer hardness
ASTM D1640	Cure Rate (Dry through time)
ASTM C1583	Adhesive Strength
ASTM C579	Compressive Strength
ASTM D638	Ultimate Tensile Strength Elongation at break point
ASTM C881	Gel Time
ASTM D570	Water Absorption

All testing should be performed in accordance with the latest SCDOT specifications.

Requests for inclusion should be directed to:

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 District Materials Engineer  
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