

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

QUALIFIED PRODUCT POLICY FOR BRIDGE PAINTS FOR STRUCTURAL STEEL

1.0 General:

As prescribed in Section 710 of the Standard Specifications, all paints used on structural steel for SCDOT construction projects must be listed on Qualified Product List (QPL) 19. This policy outlines the requirements for inclusion on this QPL.

2.0 Initial:

A manufacturer may request to be included on QPL 19 by successfully demonstrating that the material meets the requirements listed in Section 710 of the Standard Specifications and any other applicable SCDOT specifications, performs in application in this state or other states, **and that the paint will be used in SCDOT work**. Further, the manufacturer shall furnish technical data sheets describing the material and its application.

3.0 Requirements for Each Shipment:

For each shipment, furnish a certification stating that the material furnished meets the South Carolina Department of Transportation specifications.

The shipped containers shall be plainly marked with the manufacturer's name or trademark, the lot number, component type, and a clear date indicating shelf life expiration date.

The manufacturer shall submit a certified affidavit of all items not covered in the lab certified test report including the quantitative analysis of the vehicle utilized and a Material Safety Data Sheet.

All manufacturers must resubmit each product for evaluation in the case of any formulation change to remain on the QPL. All products **MUST** meet the most current EPA regulations for VOC.

4.0 NOTES:

- 4.1 Copies of the specifications for each application may be found in the contract special provisions or may be obtained from the Office of Materials and Research.

- 4.2 The specifications require that the intermediate and top coats be supplied by the same manufacturer as the zinc primer coat.
- 4.3 Zinc primers shall be in compliance with splice-joint friction requirements for ASTM A 490 Class "B" slip coefficient and creep resistance.

5.0 Submission Information:

Requests to qualify a product along with the certificate of analysis and performance test results should be submitted to:

Caleb Gunter, PE
Structural Steel Engineer
SCDOT Office of Materials and Research
1406 Shop Road
Columbia, SC 29201
(803) 737-6694
Fax: (803) 737-6649
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