

COMMENTS RECEIVED FROM INDUSTRY REVIEW

Debbie Simmons

I have taken the opportunity to review the FDOT proposed specification 975. My comments to this proposed specification are noted below:

Section 975-2.2 - The newly proposed labeling requirements stipulates that the DOT QPL number appears on the product label/packaging. Carboline requests removal of this requirement from the labeling. Instead, we suggest that the QPL number be documented on the standard certification of analysis paperwork that is provided for each batch of product.

Response: I concur and have made the changes requested.

Sections 975-4.1 / 975-5.1 / 975-7.1 - With reference to the statement, furnish product testing information according to AASHTO R31, define the reference to the specific section number(s) for product testing and certification.

Response: I concur and have made the changes requested.

Section 975-5.2 - the compositional requirement for the structural steel coating primer coat references section 975-4 galvanizing compounds where compositional requirements are defined for zinc dust sacrificial and aluminum mastic coatings, but not organic zinc epoxy coatings. Coating manufacturers may wish to submit coating systems based on an organic zinc epoxy primer as a component to a two or three coat system for testing and certification as long as it meets the performance requirements defined within the proposed section 975 specification.

Response: The intent was to allow either organic or inorganic based zinc primers. The terminology may be confusing so I have made some changes for clarification.

Section 975-5.8 / 975-7.3 - The field qualification testing does not include measuring test panels for color and/or gloss retention, yet this data is required according to the AASHTO R31 matrix through accelerated testing (e.g. cyclic weathering resistance testing, ASTM D5894). Field test data regarding color and gloss retention would serve as vital information.

Response: I concur with the comment. This was inadvertently omitted. I have made the changes.

Section 975-4.1 - Clarify if products used solely as repair materials for galvanized steel that has been damaged during transit or erection and/or used to repair old galvanized surfaces require testing for color and gloss retention.

Response: I concur and have the recommended changes.

Section 975-4.3 - Field testing for the galvanizing compounds, including zinc dust sacrificial and aluminum mastic coatings, suggest testing the materials without a topcoat. This could be a concern for aluminum mastic epoxy coatings that could prematurely degrade due to UV exposure if left untopcoated.

Response: The comment is correct. Materials used solely for galvanizing repair may be left untopcoated. Other galvanizing compounds used as part of a system for section 5 would be topcoated. The manufacturer must identify the product use to determine product testing.

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Response: to the concern regarding the use of ASTM B117.
This specification has been developed to make use of current NTPEP testing for the benefit of the manufacturers. When AASHTO updates Standard Practice R-31 to replace the ASTM B 117 test, then this specification may be modified.