



# Florida Department of Transportation

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**\*\* Expired \*\***

\*\*Revised\*\*

**MATERIALS BULLETIN NO. 02-08**

**DCE MEMORANDUM NO. 06-08**

**(FHWA Approved: 04/28/08)**

**TO: DISTRICT MATERIALS RESEARCH ENGINEERS  
DISTRICT CONSTRUCTION ENGINEERS**

**FROM:** Thomas O. Malerk, Director, Office of Materials *Thomas O. Malerk*  
Brian A. Blanchard, Director, Office of Construction *Brian A. Blanchard*

**COPIES:** Robert Robertson, Duane Brautigam, District Design Engineers, District Design Structures Engineers, Bob Burleson (FTBA), Greg Williams (FHWA)

**SUBJECT: QUALIFIED PRODUCTS FOR STRUCTURAL COATINGS FOR USE OF STEEL STRAIN POLES, SIGNAL MAST ARM AND MONOTUBE STRUCTURES**

Due to the limited number of qualified products for structural coatings for use on steel strain poles, signal mast arm, or monotube structures, the following policies are implemented immediately.

Any coating system to be used on steel strain poles, signal mast arm, or monotube structures governed by specification 975 in a specific contract let prior to September 2007, must incorporate either a powder coat paint system as described in the 2007 edition of Standard Specification 649-4.4 or an epoxy primer and an aliphatic polyurethane topcoat, both of which were Qualified Products on the Departments Qualified Product List (QPL) in December 2005 for use as a structural steel coating system. Any primer and topcoat system utilized must be produced by the same manufacturer and the manufacturer must recommend those products for use over galvanized steel. Coating systems meeting all of these conditions will be considered by the Department as satisfying the Requirements of Specification 975 for that specific contract provided the formulation of the coating has not changed since December 2005. Send samples of these coatings to the State Materials Office per DCE Memorandum 15-07/Materials Bulletin 07-07. Any change in formulation will result in the coating being removed from the list below.

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**December 2005 QPL – Structural Steel Coatings (Epoxy and Polyurethanes)**

<b>QPL #</b>	<b>Product ID</b>	<b>Manufacturer</b>	<b>Comment</b>
M-0416 M-0417	Intergard 475HS Interthane 990HS	International Paint	Epoxy Intermediate Polyurethane Finish
M-0455 M-0456	B67 Series/B60V3 Heavy Duty Epoxy B65 Series/B60V2 Hi-Build Aliphatic Polyurethane	Sherwin Williams Company	Epoxy Intermediate Polyurethane Finish
M-0458	Carboguard 893 Carbothane 134 HG	Carboline Company	Epoxy Intermediate Polyurethane Finish

These policies shall remain in effect for all contracts that were or are bid in between January 2006 and the date that this memo is superseded by further instructions.

For questions on this bulletin contact Paul Vinik at 352-955-6649 or Rafiq Darji at 850-414-4195.

TM/BB/vd