

SPECIFICATION DEVELOPMENT PROCESS

THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR (The person who receives or originates the issue and needs to forward the issue for action.)

Modify Specification This change is a result of changes to either Sections 560, 561, 562, 971 or 975.

New Section _____
Section number

Subject:

Origination date:

Originator: Karen Byram

Office/Phone: Product Evaluation Office/ (850) 414-4353 SC 994-4353

Email address/ karen.byram@dot.state.fl.us

Userid:

Problem statement:

Information source:

Background data:



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JOSÉ ABREU
SECRETARY

MEMORANDUM

DATE: May 27, 2005
TO: Specification Review Distribution List
FROM: Duane F. Brautigam, P.E., State Specifications Engineer

SUBJECT: PROPOSED SPECIFICATION: 5620000 – Zinc Paint Coating.

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change to Zinc Paint Coating.

This is a complete rewrite of this Section proposed by Karen Byram of the State Specifications Office.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DB or duane.brautigam@dot.state.fl.us. Comments received after June 24, 2005 may not be considered. Your input is encouraged.

DFB/jho
Attachment

COMMENTS:

Submitted by:

Phone #:

**ZINC PAINT COATING.
(REV 5-19-05)**

SECTION 562 (Page 661) is deleted and the following substituted:

SECTION 562
~~ZINC PAINT COATING~~ REPAIR OF GALVANIZED SURFACES

562-1 Description.

Apply a *coating of zinc paint coating galvanizing compound* over welded areas of galvanized structural members and over areas of previously galvanized members on which the galvanizing has, ~~in the opinion of the Engineer,~~ become ~~significantly~~ damaged.

562-2 Materials.

~~For the paint coating,~~ Use a galvanizing compound as specified in ~~971-15~~ 975-4.

562-3 Construction Methods.

~~Before applying the compound, ensure that the welded area or damaged spelter area is clean and free of grease. Thoroughly brush the area with a stiff wire brush to remove all dirt, loose galvanizing, welding slag, or other foreign material. If necessary, clean the area with an approved grease removing solvent. Prepare surfaces and apply the galvanizing compound according to ASTM A 780 and manufacturer's recommendations. After cleaning the area, apply two coats of the galvanizing compound to achieve a dry film thickness as annotated on the Qualified Products List. Apply additional coats on rough or pitted surfaces, the when in the opinion of the Engineer may require more than the specified two coats, if it is necessary in his opinion, in order to obtain acceptable cover. Allow at least 12 hours drying time. Follow the manufacturer's recommended dry time between coats.~~

~~Ensure all activities do not introduce contamination onto surfaces. Re-clean the areas not coated on the same day the cleaning is accomplished, or surfaces that have rusted, prior to coating.~~

~~The Apply the galvanizing compound as applied will beto attain a uniform appearance free from all defects or failures. Submit repair procedure(s) to the Engineer for approval. All deficiencies will be corrected at no cost to the Department. Brushing back over partly dried applications will not be permitted.~~

562-4 Basis of Payment.

No direct payment will be made for ~~zinc paint coating galvanizing compound coating~~ of welded surfaces or for field repair of damaged ~~spelter coating galvanized surfaces~~. ~~Where the Contractor is required Include the cost~~ to perform these operations, ~~the cost shall be included~~ in the Contract price for the item which includes the member being so treated.