

State of Louisiana
Department of Transportation and Development
Materials and Testing Section Qualification Procedure
for
Qualified Products List 23

COLD GALVANIZING REPAIR COMPOUNDS

MATERIAL SPECIFICATION REFERENCE:

2006 LA Standard Specifications for Roads and Bridges
Section 1008.06 (copy attached)

PRELIMINARY REQUIREMENTS:

Qualified Product Evaluation Form

Submit a standard "Qualified Product Evaluation Form" to the DOTD Materials and Testing Section Coordinator listed below, along with a letter requesting evaluation for the Qualified Products List. (copy of form attached)

Product Data Sheets

Include product data sheets to provide all pertinent information relative to the product to be evaluated, including, but not limited to, manufacturer's specifications, recommended application procedure and rate, and typical analysis and Material Safety Data Sheet (MSDS).

Sample (to be furnished at no cost to the Department)

Qualification samples for this material shall be furnished in pressurized spray cans, approximately 67 mm (2 5/8 in.) diameter by 150 mm (6 in.) high or in one liter (one quart) friction top cans. The cans shall be completely labeled showing the manufacturer, brand name and/or product name, product number and batch number. In addition, the label shall show analysis of the contents including a breakdown of such items as percent pigment and vehicle, percent non-volatile, percent zinc of the pigment or non-volatile, percent and type of propellant, if applicable, plus any other technical information to identify the composition of the cold galvanizing.

TEST REQUIREMENTS:

Laboratory Testing

Three test panels approximately 100 by 200 by 3.3 mm(4 by 8 by 0.13 in.), made from A-36 steel shall be sandblasted to an SSPC-10 near white blast and 75-125 Φ m (3-5 mils) DFT of cold galvanizing compound shall be applied. The cold galvanizing compound shall exhibit adequate protection against blistering, cracking, flaking, peeling or undercutting after 1500 hours exposure in a salt fog apparatus in accordance with ASTM B-117.

Evaluation Time

Laboratory testing - 4 months

GENERAL:

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the product will or will not be added to the Qualified Products List. The Department reserves the right to reevaluate any product at any time.

PROJECT ACCEPTANCE REQUIREMENTS:

Qualification of a product is not blanket approval for its use. Cold galvanizing repair compound on the list may be used without sampling and pretesting provided it is properly identified as being the specific product on the list. However, sampling and testing before use may be required whenever a product is questionable for any reason. Any deviation in performance from the product originally approved may result in removal of the product from the qualified list.

DISQUALIFICATION:

Any product may be removed from the Qualified Products List should the product fail to comply with specifications or performance requirements. The Department must be notified in writing of any change in product formulation. Significant changes may require reevaluation of the product.

REQUALIFICATION:

A product which has been disqualified and removed from the Qualified Products List will be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been resolved.

DOTD MATERIALS AND TESTING SECTION COORDINATOR:

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