

Tex-738-I, Sampling Epoxy Powder Coating for Reinforcing Steel

Contents:

Section 1 — Overview.....	2
Section 2 — Sampling Information.....	3
Section 3 — Procedures.....	4
Section 4 — Tagging/Labeling, Documenting, and Shipping.....	5

Section 1

Overview

Effective dates: August 1999–July 2008.

This method outlines the procedure for sampling epoxy powder coating for reinforcing steel.

Units of Measurement

The values given in parentheses (if provided) are not standard and may not be exact mathematical conversions. Use each system of units separately. Combining values from the two systems may result in nonconformance with the standard.

Section 2

Sampling Information

An authorized representative of TxDOT shall select samples.

Sampling shall be performed at the applicator's plant from TxDOT approved epoxy powder coatings.

Samples shall be obtained during qualification of reinforcing steel epoxy applicators or when the quality of the material is questionable.

Section 3 Procedures

Sample epoxy powder coating for reinforcing steel as follows:

Sampling	
Step	Action
1	Obtain a 225 g sample from a randomly selected lot of powder coating used.
2	Take the sample from one randomly selected container. NOTE: Care should be used to insure that samples are not contaminated during sampling. (Samples are often taken when the boxes are being loaded into the holding tank.)
3	Place each sample in a strong "zip-lock" type plastic bag.

NOTE: Each sample shall be accompanied by a copy of the powder manufacturer's certification representing material sampled.

Section 4

Tagging/Labeling, Documenting, and Shipping

Follow the 'General Requirements' as detailed in "Tagging/Labeling, Documenting, and Shipping General Requirements." In addition:

- ◆ label each bag with the lot number of the sample, using an adhesive label or marking pen
- ◆ place each marked sample bag into a second plastic bag
- ◆ place each double-bagged sample inside a metal can for shipment
- ◆ include the lot number, quantity represented, powder coating producer, applicator using material, name of the sampler, and the date sampled, on [Form 202](#).
- ◆ enclose envelopes inside the metal container with the samples.