Supplemental Specification
2012 Standard Specification Book

SECTION 03393M

CONCRETE HEALER/SEALER

Delete Article 1.5, paragraph B.

Delete Article 2.1, paragraph A and replace with the following:

A. Use approved low viscosity, low modulus polymer or high molecular weight methacrylate (HMWM) system.
   1. Refer to Table 1 for concrete healer/sealer properties.

Delete Article 3.1, paragraph B and replace with the following:

B. Healer/Sealer Systems
   1. Deliver materials to the project in their original containers bearing the manufacturer's label specifying the date of manufacturing, batch number, trade name brand, quantity, and mixing ratio.

Delete Article 3.3, paragraph C and D and replace with the following:

C. Handle and mix according to the manufacturer's recommendations.

D. Apply the concrete healer/sealer to the entire prepared concrete surface according to the manufacturer's recommendations.
   1. Do not place materials when weather or surface conditions prevent the material from being properly handled, placed, and cured.
   2. Completely cover or flood the deck with the material. Coverage rates will vary depending on the existing surface conditions.
      a. Sweep, squeegee, pour, or spray the area with the sealer allowing it to flow into the cracks.
   3. Place all material within five minutes of mixing.
   4. Repeat this procedure until all cracks are completely filled and a uniform coating covers the deck.
   5. Sweep excess sealer with a broom from tined surfaces after the cracks have been filled and before the material begins to gel.
   6. Do not allow excess sealer to plug the tined surfaces of the bridge deck and approach slabs.

Add Article 3.3, paragraph I:

I. Verify that the application has not caused the deck to become less skid resistant than the original deck surface as measured before the application according to AASHTO T 242. Take the necessary measures to correct the surface skid resistance if the deck does become less skid resistant after the application.