

COMMENTS RECEIVED FROM INDUSTRY REVIEW

Bob Dion

File: 4130000 - Sealing Cracks and Concrete Surfaces
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Date: Wednesday, May 04, 2005
Time: 11:21:57 AM

Comments:

Can the 2 paragraphs in 413-1 be combined into 1, using the active voice-imperitive mode as the rest of the specification? Suggest something similar to:

"Perform surface preparation and application of surface penetrant sealers and high molecularweight methylnmethacrylates to all areas shown in the plans in accordance with the manufacturers recommendations and these Specifications.

Ghulam Mujtaba

Subarticle 413-3.2.3 of the proposed specification requires that "Certify that the sand has a maximum moisture content of 0.25%.". This may be interpreted as requirement that the sand should have a moisture of 0.25%.

Change the sentence to read: "Certify that the sand moisture content has remained at or below 0.25 %."

Ghulam Mujtaba, P.E., C.P.M.

Jack Knowlton

File: 4130000 - Sealing Cracks and Concrete Surfaces
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Date: Wednesday, May 04, 2005
Time: 09:44:13 AM

Comments:

The specifications repearedly state to follow these specifications and the manufacturer's recommendations. What if there is a conflict between the specifications and the manufacturer's recommendations. (ex. spces state that penetrant sealer to be applied by 20 psi sprayer. Manufacturer allows spreading by roller and/or brush)

John Hess

Username: Mr. John C. Hess
UserEmail: ia906jh
Date: Wednesday, May 18, 2005
Time: 04:29:15 PM

Comments:

These are my comments after reviewing this Specification:

1.413-3

The heading used for 413-2 was "Penetrant Sealers.", it appears for consistency of section identification it would be better if the heading was "Crack Sealer". This would allow for the second type of sealer to be identified by the same method.

2.413-3.2.2 Shelf Life: The monomer shall have a shelf life of no less than 12 months and shall be no more than 8 months old at the time of application. This sentence does not appear clear as stated. The product shelf life of no less than 12 months states that it must be 12 months old. However, we want the product to be no more than 8 months old at the time of application. This appears to be a contradiction.

Melissa Hollis

File: 4130000 - Sealing Cracks and Concrete Surfaces
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Date: Tuesday, May 31, 2005
Time: 07:33:36 AM

Comments:

Please work with the Estimates Office to change the pay item to a 413 item.

Yougens Pierre

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Date: Thursday, May 12, 2005
Time: 10:02:15 AM

Comments:

Comment 1: "413-2.3 Application of Penetrant Sealer Materials: ... Apply penetrant sealer no later than ten days after completion of the surface preparation and prior to any contamination of the prepared surfaces."

I would suggest a distinction be made for coastal and inland areas. the time may need to be shortened for coastal environments, specially on bridges and structures exposed to salt sprays.

Comment 2: "413-3.4.6 Sand Distribution: Apply sand over the monomer treated area within a timely period following the application of the polymer..."

This is somewhat vague and open to different interpretation.

Ray Williamson

Dear Mr. Brautigam:

The above mentioned specification has been reviewed and the following comments are offered.

- 1) General comment throughout - HMWM stands for High Molecular Weight Methacrylate. Remove the prefix "Methyl..."
- 2) Section 413-3, Table 2 - Viscosity range to be 15 - 25 cps at 50 rpm
- 3) Section 413-3.2.2 - Monomer shall have a shelf life no less than 6 months and shall be no more that 4 months old at time of application.
- 4) Section 413-3.2.3 - Use uniformly graded 8-20, clean, bagged, oven-dried broadcast sand ...
or
Use uniformly graded 6-20 (or similar), clean, bagged, oven-dried broadcast sand ...
- 5) Section 413-3.4.2 - in all instances, mix the initiator (CHP) at the HMWM manufacturer's specified volume with 50% of the monomer resin and the cumene promoter at the HMWM manufacturer's specified volume with the other 50%.

Thank you for the opportunity to participate in your process.

Very truly yours,
Sika Corporation