

9310306 METAL ACCESSORY MATERIALS FOR CONCRETE PAVEMENT AND  
CONCRETE STRUCTURES.  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (9-18-13, Internal)

Is the primer applied before or after the assembly is cast into the pavement? If it is applied before it should probably extend along the assembly for some distance beyond where it will be embedded into the pavement. If it is applied afterwards, there likely will be some corrosion right where the assembly exits the pavement. I'm not exactly sure what this detail looks like (Index 305?) so these comments may not even be applicable.

Response: The assembly is assembled at the manufacturing facility. That is why we want the coating to cover all surfaces so it does not oxidize before use. Apparently some manufacturers were only coating the dowel bar. That is what we want to clarify for both the manufacturers and our field people.

For clarity, language will be change as highlighted below:

<p>→ <b>931-3.6 Materials:</b> The wire for the welded assembly shall be in accordance with all applicable requirements of ASTM A82.¶</p> <p>→ → <b>After fabrication,</b> Apply one coat of alkyd primer meeting the material requirements of SSPC Paint 25 <i>to all exposed surfaces of the assembly.</i> Apply the primer in accordance with the manufacturer's recommendations.¶</p>
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Comments: (10-28-13)

Suggest not adding "to all exposed surfaces of the assembly." as proposed. When work is complete none of the assembly is exposed, therefore one could argue that this paint isn't needed.

Response: The intent is to prevent oxidation from forming on any of the surfaces of the assembly that would occur during storage, transportation to the job site and before use.

No changes made.

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