

5600000 COATING NEW STRUCTURAL STEEL
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (12-11-18)

560-9.1.1, I would recommend addressing some concerns by the CEI in recent projects. The top flange is coated below the recommended dry film thickness which can lead to rusting on the top flange. The original intent was not to prevent rust but to prevent bleeding that could mar the interior or exterior coating on adjacent surfaces. CEI's have argued that they should see no rust on the top flange and I think just miss-understand the application of a mist-coat and the intent of the language.

Would recommend adding an additional sentence or two to the end of 560-9.1.1. It would read:
"When stud welding is specified, apply a mist coat of inorganic zinc-rich primer to the top flange at a dry film thickness no greater than 1 mil. Remove and repaint the top flange if rust is bleeding onto an adjacent surface of the girder. Visible rust on the top flange is not rejectable/is allowed."

Response:
