

4001606 CONCRETE STRUCTURES
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comment: (11-15-13)

A clear CC with dye is a Type 1-D, a Type 1 is clear without dye.

CONCRETE STRUCTURES

(REV 11-15-13)

SUBARTICLE 400-16.6 is deleted and the following substituted:

→ **400-16.6 Traffic Barriers, Railings, Parapets and End Post:** Ensure concrete is cured in accordance with 400-16.2(b), *except that a clear Type 1-D curing compound that must contain a fugitive dye may be used in lieu of Type 2. If Type 1-D is used, its removal per 400-15.1 during finishing is not required.* When construction is by the slip form method, coat all concrete surfaces with a curing compound that meets the requirements of 925-2, either within 30 minutes of extrusion or before the loss of water sheen, whichever occurs first. Ensure a curing compound coating period of not less than seven days after application. Prior to each concrete placement,

Comment [DR1]: ASTM C309 specifies a clear with dye as a Type 1-D.

Response:

D4 Const.

Comment: (12-20-13)

Suggest adding/changing the highlighted text:

400-16.6 Traffic Barriers, Railings, Parapets and End Post: Ensure concrete is cured in accordance with 400-16.2(b), *except that a clear Type 1 curing compound that must contain a fugitive dye may be used in lieu of Type 2. If Type 1 is used, its removal per 400-15.1 during finishing is not required.* When construction is by the slip form method, coat all concrete surfaces with a curing compound that meets the requirements of 925-2, either within 30 minutes of extrusion or before the loss of water sheen, whichever occurs first. Ensure a curing compound coating period of not less than seven days after application. Prior to each concrete placement, submit to the Engineer the method that will be used to periodically measure the rate of application in gallons/sq ft. Also, prior to each placement, submit to the Engineer the anticipated quantity of curing compound in gallons that will be used to meet the coverage rate specified in 400-16.2 along with the corresponding **category's total** square footage of barriers, railings, parapets and end posts, **as well as the overall total area** to be coated with that quantity. **Compute Measure** the actual quantity of curing compound that is applied during each concrete placement and submit the quantity to the Engineer. Applied Finish Coatings, that are on the Qualified Products List and that are flagged as permitted for use as a curing compound, may be used in lieu of a curing compound; If an Applied Finish Coating is used in lieu of a curing compound, have a backup system that is in full compliance with 400-16.2(b) available at all times to ensure that an effective alternative system will be immediately available if the Applied Finish Coating cannot be applied within 30 minutes of extrusion or before the loss of water sheen.

Response:
