

4000200 CONCRETE STRUCTURES  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Dan Hurtado  
(850) 414-5203  
Dan.Hurtado@dot.state.fl.us

Comments: (11-5-21, Internal)

The following sentence in 400-016 is not needed. This is an industry term of art. You don't need it in the spec.

*“Concrete curing includes the materials and methods used internally during mixing of concrete and externally after concrete placement.”*

Response: Agree. Addressed during internal review. The sentence was removed.

**400-16 Curing Concrete.**

**400-16.1 General:** ~~Concrete curing includes the materials and methods used internally during mixing of concrete and externally after concrete placement.~~

**400-16.1.1 Internal curing:** At the Contractor's option use internal curing in combination with one or more of the external curing methods listed in 400-16.1.2. Use lightweight fine aggregates from Department-approved sources meeting the requirements of ASTM C1761.

Updated version:

**400-16 Curing Concrete.**

**400-16.1 Internal curing:** At the Contractor's option use internal curing in combination with one or more of the external curing methods listed in 400-16.1.2. Use lightweight fine aggregates from Department-approved sources meeting the requirements of ASTM C1761.

**400-16.2 External curing:** Cure cast-in-place and precast (non-prestressed) concrete as required herein for a minimum duration of 72 hours. If forms are loosened or removed before the 72 hour curing period is complete, expand the curing to cover these surfaces by either coating with curing compound or extending the continuous moist cure area.

Actions: No change is needed in the proposed specification.

\*\*\*\*\*

Deborah Ihsan  
(954) 777-4383  
[deborah.ihsan@dot.state.fl.us](mailto:deborah.ihsan@dot.state.fl.us)

Comments: (12-6-21, Industry)

The reference to light weight fine aggregated may be moved to section 400-2 under Materials.

Response: Disagree. The reference should be kept in article 400-16.1 as proposed to facilitate future expansions of the article language. If the reference to light weight is moved to 400-2, it will be difficult to describe in 400-2 footnotes all the details regarding the use of this material.

Actions: No change is needed in the proposed specification.

\*\*\*\*\*