WSDOT Test Method T 816

Method of Test for Parting Compound

1. SCOPE:
   a. This method of test covers the procedure used for determining if parting compound enables concrete to release cleanly from forms without any dusting or staining.
2. APPARATUS:
   a. Materials required for preparing PCC Class 4000 concrete.
   b. APA grade High Density Overlaid (HDO) Plyform Class I.
   c. Vibrator or other consolidation device.
   d. Rubber gloves, clean rag, spray apparatus, or other type of applicator as per mfg. recommendations.
3. PROCEDURE:
   a. Apply parting compound to plyform surface as per manufactures recommendation.
   b. Prepare PCC Cl. 4000 concrete by mixing all preweighed materials together in mixing bowl. Visually mix the concrete to a 3.00” slump. Mix 3 minutes, rest 3 minutes with damp towel covering mixing bowl, and then resume mixing for another 2 minutes. Scrape concrete to one side of bowl. Remix by hand to get a representative sample. Take a proportionate amount of concrete for the size of board you have.
   c. Place concrete on prepared surface of the plyform board. Place vibrator on the board and allow vibrations to consolidate the concrete mix or utilize other consolidation method.
   d. Allow to sit uncovered for 24 ± 2 hours
   e. Lift the specimen vertically without any twisting or sliding movement.
   f. Specimen should separate cleanly from form without any staining or dusting of concrete surface as per *Standard Specification* 6-02.3(17)J.
4. REPORT
   a. Note any non-specification elements observed. The Physical Testing Supervisor and/or Engineer will determine acceptability of the parting compound.

Performance Exam Checklist

Method of Test for Parting Compound
Method T 816

Participant Name _____ Exam Date _____

Procedure Element	Yes	No
1. Parting Compound applied to the plyform surface as per Mfg. recommendations?	❒	❒
2. Class 4000 concrete mixed correctly?	❒	❒
3. A portion of the concrete placed on the prepared surface of the plyform?	❒	❒
4. Concrete consolidated?	❒	❒
5. Allowed to sit uncovered for 24 ± 2 hours?	❒	❒
6. Specimen lifted vertically without any twisting or sliding?	❒	❒
7. Separation, Staining, and Dusting determinations made correctly?	❒	❒
8. If non-conforming elements are observed, is the supervisor notified?	❒	❒

First attempt: Pass ❒ Fail ❒ Second attempt: Pass ❒ Fail ❒

Signature of Examiner _____

Comments: