



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? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Class 4000 concrete mixed correctly? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. A portion of the concrete placed on the prepared surface of the plyform? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Concrete consolidated? | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Allowed to sit uncovered for 24 ± 2 hours? | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Specimen lifted vertically without any twisting or sliding? | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Separation, Staining, and Dusting determinations made correctly? | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. If non-conforming elements are observed, is the supervisor notified? | <input type="checkbox"/> | <input type="checkbox"/> |

First attempt: Pass Fail

Second attempt: Pass Fail

Signature of Examiner _____

Comments:

