METHOD OF TEST FOR READY MIXED, COLD APPLIED JOINT SEALERS

I. SCOPE. These methods cover tests for ready mixed cold applied joint sealers. The following tests are covered:

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II. PENETRATION.

A. Apparatus.

1. **Penetration Apparatus.** The penetration apparatus, penetrometer and cone, will conform to ASTM D 217.

2. **Container.** The container will be a seamless box, commonly known as a 6 ounce "Ointment Box," approximately 2.75 inches (7 cm) in diameter and 1.75 inches (4.4 cm) deep.

3. **Water Bath.** The water bath will conform to ASTM D 5.

B. Procedure.

1. At 77°F (25°C), 150 grams total load for 5 seconds (as received). The test specimen shall be prepared by filling a specified container with the material as received, using a spatula to avoid entrapment of air.

   The penetration shall be determined in accordance with ASTM D-5 after the specimen has been conditioned in a 77°F (25°C) water bath for one hour.

2. At 77°F (25°C), 150 grams total load, 5 seconds (after evaporation of solvent). The solvent shall be evaporated from a portion of the material using ASTM Method D-1851, Section 7(c). The test specimen shall be prepared and the penetration determined according to Section II B 1 of this test method.

3. At 32°F (0°C), 200 gram total load, 60 seconds (after evaporation of solvent). The test specimen prepared in Section II B 2, after testing, shall be conditioned in the water bath at 32°F (0°C) for one hour, then tested in accordance with II B 1.

III. FLOW. The flow shall be determined in accordance with ASTM D 1951, Section 5.

IV. BOND. The bond test shall be performed as outlined in ASTM D 1851, Sections 6-8.