



SCRATCH TEST FOR PLASTISOL ACOUSTICAL COATING

Application

This procedure is defined to determine the resistance of ESB-M99G102-A, Plastisol Acoustical Coatings, to penetration or tearing.

Equipment Required

Scratch Test Fixture (Figure 1)
750 g weight

Source: Gustin Bacon Mfg. Co.
Kansas City, MO

Conditioning and Test Conditions

All test values indicated herein are based on material conditioned in a controlled atmosphere of 23 +/- 2 C and 50 +/- 5 % relative humidity for not less than 24 h prior to testing and tested under the same conditions unless otherwise specified.

Procedure

Test is to be performed on an "as received" sample with the underlay intact. Sample area shall be a flat section 4 x 12 inches. The test fixture should be stored with marking wire removed in order to eliminate the possibility of damage to it.

1. Insert marking wire into testing device and secure with set screw. Wire is to be A.W.G. 19 (.036 inch) bent with curvature of 1/8 inch radius. Wire is assembled into Part "A".
2. Place test fixture with marking wire down on surface to be tested. Gently place 750 g of weight on the side opposite the marking wire.
3. Gently holding Part "A" of the fixture, slowly draw the fixture over the coating surface, once only, for a distance of 6 inches.
4. Observe and record whether the sample tears or a scratch mark is developed.



FORD LABORATORY TEST METHOD

BN 008-06

Chemicals, materials, parts, and equipment referenced in this document must be used and handled properly. Each party is responsible for determining proper use and handling in its facilities.

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