

Test Procedure for

TESTING ASPHALTIC WATERPROOFING MATERIALS



TxDOT Designation: Tex-523-C

Effective Date: August 1999

1. SCOPE

- 1.1 This method includes the essential tests performed on materials used in the construction of waterproofing membranes to determine compliance with specifications.
 - 1.1.1 Included are such materials as mopping asphalt, treated fabrics, felt, asphalt mastic, primers, asphalt plank, etc. The tests performed correspond to the listed ASTM designations.
- 1.2 The values given in parentheses (if provided) are not standard and may not be exact mathematical conversions. Use each system of units separately. Combining values from the two systems may result in nonconformance with the standard.

2. PROCEDURES

Table 1—Testing Asphaltic Waterproofing Material

Test/Material	ASTM Designation
Asphalt for Saturant and Mopping: <ul style="list-style-type: none"> ▪ Softening Point ▪ Penetration ▪ Flash Point ▪ Loss on Heating at 163°C (325°F) ▪ Ductility ▪ Solubility in Trichlorethylene 	<ul style="list-style-type: none"> ▪ D 36 ▪ D 5 ▪ D 92 ▪ D 6 ▪ D 113 ▪ D 2042
Asphaltic Primer	D 41
Treated Cotton Fabric	D 146
Asphalt Plank	D 517
Cold Asphalt-Base Emulsion	D 1010 (Discontinued) Replaced by D 2939