



FELT, INDENTED, RESIN IMPREGNATED ASPHALT TREATED ON ONE SIDE

ESB-M2E74-A

1. SCOPE

The materials defined by this specification are resin impregnated, indented felt, treated with asphalt on one side.

2. APPLICATION

This specification was released originally for materials used as roof panel deadeners and roof reinforcement antisqueaks.

3. REQUIREMENTS

3.0 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A).

3.4 WEIGHT 1074 – 1465 g/m²
(ASTM D 461)

3.5 THICKNESS, AFTER PALLETIZATION 2.79 – 3.56 mm
(ASTM D461)

3.6 ASPHALT CONTENT 20 – 45%
(ASTM D 461, trichlorethylene method)

3.7 WATER ABSORPTION, Resin Impregnated 20 g
Surface, max
(FLTM BS 004-02)

3.8 TENSILE STRENGTH, N/mm
of Width, min
(ASTM D 828)

WMD 2.6 N/mm
AMD 1.8 N/mm

3.9 STIFFNESS, max

WMD 100
AMD 85

Test Method: Tinius Olsen or equivalent, 25 x 100 mm sample, 51 mm span, 0.03 N.m total load (0.01 N.m is built into tester), read directly at 30 degree angle. The resin side must be down.

Date	Action	Revisions
2003 08 14	Revised	Para 3.0 inserted; Para 3.1, 3.2, 3.3, 3.15, 4 deleted
1995 03 01	Revised	
1963 08 08	AS1-1023	Released ESB-M2E73-A & ESB-M2E74-A





3.10 FLEXIBILIGTY AT 23 +/- 2 °C

No cracking when bent 180° around a 25 mm mandrel. The asphalt-saturated side to the outside.

3.11 STAINING

None

Test Method: Place a 100 x 100 mm piece of current production headlining material over the resin treated side of a 100 x 100 mm sample of felt. Position 2 steel rods 4.45 mm diameter 89 mm long 50 mm apart over the headlining. Place a 11.4 kg weight (approximate diameter 168 mm) over the 2 rods. Condition the assembly in a mechanical convection oven maintained at 150 +/- 3 °C for 1 h.

Samples used for this test shall be inspected to insure that the resin treated surface has not be contaminated with asphalt due to palletization.

3.12 ODOR

Shall be free of obnoxious odors.

3.13 MILDEW RESISTANCE

No visual evidence of mildew growth and no mildew odor after 7 days exposure in a humidity cabinet controlled to 100% relative humidity at 38 °C.

3.14 FLAMMABILITY

(ISO 3795/SAE J369)

Burn Rate, max

100 mm/minute