



VANGUARD 95 FS

MODIFIED BITUMEN BASE SHEET

DESCRIPTION

Vanguard 95 FS is composed of a reinforced mat of high strength non-woven fiberglass and SBS modified bitumen for superior flexibility and stability. The surface is covered with a micro thermofusible poly film for heat welding, while the underside is covered with light sand for mopping in hot asphalt or cold process adhesive.

USE

Vanguard 95 FS is used as the field base sheet in a two ply modified bituminous membrane system for new, retrofit and re-roofing construction.

APPROVALS & COMPLIANCES

When used with a cap sheet, this product will easily satisfy the requirements of CGSB-37.56-M, as well as ASTM D6163 for Type I, Grade S materials.



TECHNICAL DATA

CHARACTERISTIC	UNITS	NOMINAL VALUE	SPECIFICATION	TEST METHOD**	STANDARD LIMITS	
Rolls Per Pallet	-	32	-	-	-	
Pallet Size	cm (in)	132 x 112 (52 x 44)	-	-	-	
Length	m (ft)	15 (49)	-	-	±1%	
Width	mm (in)	1000 (39.4)	-	-	± 3 (1/48)	
Area	m ² (ft ²)	15 (161)	-	-	-	
Thickness	mm (mils)	2.2 (87)	-	-	± 0.4 (16)	
Lines	mm (in)	90 (3.5) 500 (19.7)	-	-	± 5 (1/4)	
Cold Flex	°C (°F)	PASS	ASTM D6163	ASTM D5147	Min: -18 (0)	
Tensile Strength	MD: XD:	kN/m (lbf/in)	PASS PASS	ASTM D6163	ASTM D5147	Min: 5.3 (30)
Ultimate Elongation	MD: XD:	%	PASS PASS	ASTM D6163	ASTM D5147	Min: 3
Tear Strength	MD: XD:	N (lbf)	PASS PASS	CGSB-37.56-M	CGSB-37.56-M	Min: 20 (4.5)*
Tensile-Tear	MD: XD:	N (lbf)	PASS PASS	ASTM D6163	ASTM D5147	Min: 156 (35)
Lap Strength 5D @ 23°C	MD : XD:	kN/m (lbf/in)	PASS PASS	CGSB-37.56-M	CGSB-37.56-M	Min: 4 (23)*

* CGSB-37.56-M revision, 9th draft, dated January 1997.

** Although both ASTM and CGSB may have requirements for a particular test, only the more stringent is indicated.

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