

DERBILUME FR

Fiberglass-Reinforced, SBS Modified Bitumen Aluminum Surfaced Waterproofing Membrane

DESCRIPTION

Derbilume FR is a premium 4.0 mm (140 mil) Class A Fire Resistant Modified Bitumen Roofing Membrane that combines DERBIGUM's proven performance with a highly reflective aluminum surfacing. Derbilume FR is designed for use in approved multi-ply membrane and flashing assemblies.

PRODUCT INFORMATION

CHARACTERISTIC	U.S. CUSTOMARY	METRIC
Thickness	157 mil	4.0 mm
Length	32.8 ft	10.0 m
Width	39.4 in	1.0 m
Weight	94 lb	42.7 kg
Net Coverage	96.6 sq ft	9.0 sq m

ADVANTAGES

- ▶ High-quality, SBS rubber and asphalt blends provides excellent cold temperature flexibility and elongation properties.
- ▶ Fiberglass reinforcement adds excellent dimensional stability and tensile strength to the membrane
- ▶ Polyolefin burn-off film helps optimize heat welding application
- ▶ Embossed aluminum surfacing pleasing aesthetics and reflectivity that can add beneficial energy-savings
- ▶ For Flashing details the aluminum surfacing offers an ideal substrate for adhesion

TECHNICAL CHARACTERISTICS

Derbilume FR*

Tested using ASTM D6298 Methods

CHARACTERISTIC	TESTED	MACHINE DIRECTION	CROSS DIRECTION	UNITS
Tensile Strength	0°F	200	175	lbf/in
	73°F	95	95	lbf/in
Elongation	0°F	10	10	%
	73°F	20	20	%
Ultimate Elongaton	73°F	50	50	
Tear Resistance	73°F	190	205	lbf
Dimensional Stability		< 0.2	< 0.2	%
CHARACTERISTIC	ASTM	INITIAL	AGED	UNITS
Cold Flex	D1876	-15	-15	°F
CHARACTERISTIC	ASTM	VALUE		UNITS
Compound Stability		230		lbf
Water Asorption	D5147	< 1.0		%

APPLICATION

Prior to installation, unroll Derbilume FR onto the roof surface and allow to relax. Once positioned, back roll the product and install using standard heat welding practices. Refer to the DERBIGUM Specification and Detail Guide for standard application guidelines. For use in flashing details contact DERBIGUM Technical Services for applicable recommendations.

ENERGY AND ENVIRONMENT*

CHARACTERISTIC	ASTM	INITIAL	3-YEAR
Reflectivity	C1549	≥ 0.87	≥ 0.72
Emissivity	E1371	≥ 0.05	≥ 0.10
Solar Reflective Index	E1980	93	64

* All values shown are nominal and subject to normal manufacturing tolerances.

PACKAGING & STORAGE

Packaged 25 rolls per pallet. Rolls should be stored on end, on raised platforms protected from the weather.

SDS available
on request:
(800) 727-9872
www.derbigum.us

