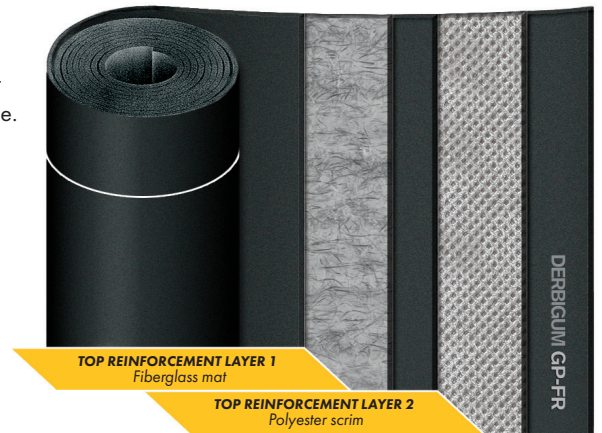


DERBIGUM® GP-FR

APP Modified Bitumen Dual Reinforced Fire Rated Waterproofing Membrane

ADVANTAGES

- ▶ **High quality** 4.0 mm (160 mil) smooth surfaced UL Class A fire-resistant APP Modified Bitumen Roofing Membrane
- ▶ Derbigum's **exclusive** blend of APP (atactic polypropylene) polymers and select asphalts enhances the weathering capabilities and UV resistance of the membrane.
- ▶ **Dual reinforced** with a heat resistant non-woven fiberglass mat followed by a polyester scrim that increases the membrane's strength and durability.
- ▶ **Top placement** of the reinforcement layers allow it to filter out harmful UV rays which reduces natural aging. Therefore the membrane does not require a granule surfacing or a roof coating for protection.
- ▶ Derbigum GP-FR may be used as both a roofing and flashing membrane.
- ▶ **Proven** 30-year, in-place performance history
- ▶ Can be applied with PERMASTIC Cold Adhesive or heat welded



TECHNICAL CHARACTERISTICS

CHARACTERISTIC	TESTED	ASTM Requirements Test Methods D5147/D6223-Type I, Grade S		DERBIGUM GP-FR Results*		UNITS
		MACHINE DIRECTION	CROSS DIRECTION	MACHINE DIRECTION	CROSS DIRECTION	
Tensile Strength	0 °F	150	150	165	162	lbf/in
	73 °F	65	65	85	82	lbf/in
Elongation	0 °F	3.0	3.0	5.0	4.8	%
	73 °F	3.0	3.0	4.6	4.6	%
Tear Resistance	73 °F	120	120	136	130	lbf
Dimensional Stability		1	1	0.05	0.05	%

CHARACTERISTIC	INITIAL	AGED	INITIAL	AGED	UNITS
Cold Flex	0	0	-20	-15	°C

Tested initially within 24 hours and again aged 28 days.

CHARACTERISTIC	MINIMUM	MINIMUM	UNITS
Compound Stability	275	300	°F
MIT	NA	5	%

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

PRODUCT INFORMATION*

CHARACTERISTIC	U.S. CUSTOMARY	METRIC
Thickness	160 mil	4.0 mm
Length	33 ft 6 in	10.2 m
Width	39 3/8 in	1.0 m
Weight	94 lb	42.6 kg
Net Coverage	100 sq ft	9.2 sq m

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

PACKAGING & STORAGE

Packaged 20 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

