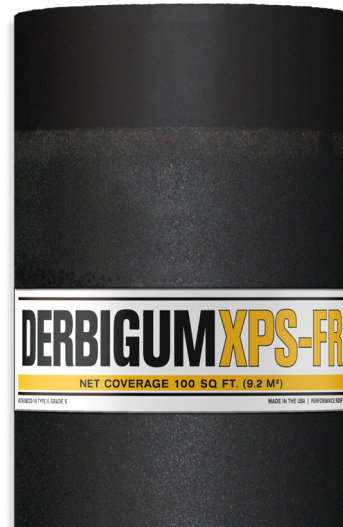


DERBIGUM® XPS-FR

Smooth surfaced, triple reinforced APP modified bitumen waterproofing membrane

ADVANTAGES

- ▶ High quality 4.0 mm (160 mils) smooth surfaced UL Class A fire-resistant APP modified bitumen roofing membrane
- ▶ Performance Roof Systems' exclusive blend of APP (atactic polypropylene) polymers and select asphalts enhances the weathering capabilities and UV resistance of the membrane
- ▶ Triple 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.
- ▶ Meets and exceeds requirements of ASTM D6223, Type II, Grade S
- ▶ Can be applied with PERMASTIC Cold Adhesive or heat welded



TECHNICAL CHARACTERISTICS

DERBIGUM® XPS-FR Results*

PROPERTY	MD	XMD	ASTM
Peak Load @ 0°F; lbf/in	255	285	D5147
Peak Load @ 73.4°F; lbf/in	140	165	D5147
Elongation at Peak Load @ 0°F; %	5	6	D5147
Elongation at Peak Load @ 73.4°F; %	5	5	D5147
Tear Resistance @ 73.4°F; lbf	270	325	D4073/D5147
Dimensional Stability; %	< 0.5	< 0.5	D1204/D5147
Low Temperature Flexibility @ 32°F	Pass	Pass	D5147
Compound Stability @ 230°F	Pass	Pass	D5147

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

PRODUCT INFORMATION*

PROPERTY	VALUE
Thickness; mil (mm)	160 (4.0)
Length; ft (m)	33.5 (10.2)
Width; in (m)	39.4 (1.0)
Weight; lb (kg)	98 (44.5)
Net Coverage; ft² (m²)	100 (9.2)

* 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.