

DERBICOLOR® P-FR-CR

Highly reflective, bright white granule surfaced, APP modified bitumen waterproofing membrane

ADVANTAGES

- ▶ High quality 4.1 mm (161 mil) granule surfaced APP modified bitumen roofing membrane
- ▶ Performance Roof System's exclusive blend of APP (atactic polypropylene) polymers and select asphalts enhances the weathering capabilities and UV resistance of the membrane
- ▶ Reinforced with a tough, dimensionally stable 220 gram polyester mat fortified with continuous fiberglass runners
- ▶ Ultra-reflective granules are integrated into the roof's surface to create solutions that provide the solar reflective index (SRI) ratings needed to comprehensively meet the highest U.S. requirements
- ▶ Meets and exceeds requirements of ASTM D6222, Type I, Grade G
- ▶ Can be applied with PERMASTIC Cold Adhesive or heat welded



TECHNICAL CHARACTERISTICS

DERBICOLOR® P-FR-CR Results*

PROPERTY	MD	XMD	ASTM
Peak Load @ 0°F; lbf/in	135	110	D5147
Peak Load @ 73.4°F; lbf/in	110	75	D5147
Elongation at Peak Load @ 0°F; %	40	40	D5147
Elongation at Peak Load @ 73.4°F; %	60	55	D5147
Ultimate Elongation @ 73.4°F; %	60	63	D5147
Tear Resistance @ 73.4°F; lbf	170	130	D5147
Dimensional Stability; %	< 0.5	< 0.5	D1204/D5147
Low Temperature Flexibility @ 32°F	Pass	Pass	D5147

PROPERTY	MINIMUM	ASTM
Compound Stability @ 230°F	Pass	D5147
Granule Embedment; g	< 1.5	D4977/D5147

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

PRODUCT INFORMATION*

PROPERTY	VALUE
Thickness; mil (mm)	161 (4.1)
Length; ft (m)	33.5 (10.2)
Width; in (m)	39.4 (1.0)
Weight; lb (kg)	95 (43.1)
Net Coverage; ft ² (m ²)	100 (9.2)

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

ENERGY & ENVIRONMENT

PROPERTY	ASTM	INITIAL	3-YEAR*
Solar Reflectance	C1549	0.69	0.63
Thermal Emittance	E1371	0.91	0.90
Solar Reflectance Index	E1980	85	76

* 3-year values shown are the CRRC Rapid Ratings values.

PACKAGING & STORAGE

Packaged 20 rolls per pallet. Rolls should be stored on end, on raised platforms protected from the weather.



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