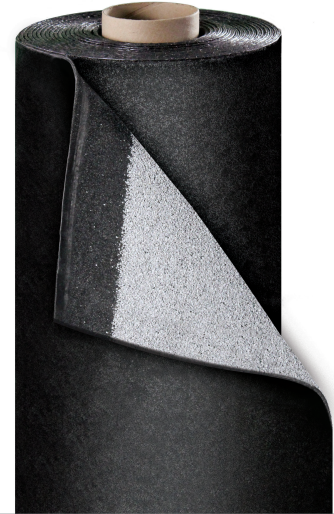


# DERBICOLOR® GP-FR-CR

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

## ADVANTAGES

- ▶ High quality 4.5 mm (180 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
- ▶ Dual reinforced with a heat resistant non-woven fiberglass mat followed by a polyester scrim that increases the membrane's strength and durability.
- ▶ 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 D6223, Type I, Grade G
- ▶ Can be applied with PERMASTIC Cold Adhesive or heat welded



## TECHNICAL CHARACTERISTICS

### DERBICOLOR® GP-FR-CR Results\*

PROPERTY	MD	XMD	ASTM
Peak Load @ 0°F; lbf/in	170	155	D5147
Peak Load @ 73.4°F; lbf/in	105	95	D5147
Elongation at Peak Load @ 0°F; %	5	5	D5147
Elongation at Peak Load @ 73.4°F; %	4	5	D5147
Tear Resistance @ 73.4°F; lbf	190	170	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)	180 (4.5)
Length; ft (m)	33.5 (10.2)
Width; in (m)	39.4 (1.0)
Weight; lb (kg)	105 (47.2)
Net Coverage; ft <sup>2</sup> (m <sup>2</sup> )	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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