

# CAP SHEETS DERBICOLOR

GRANULE-SURFACED APP MODIFIED BITUMEN MEMBRANES



**PERFORMANCE  
ROOF SYSTEMS™**  
A SOPREMA GROUP COMPANY

## REINFORCEMENT

DERBICOLOR membranes are manufactured with the reinforcement layers in the middle of the cap sheet's thickness. Available in three reinforcement options to meet any project needs.

## APP POLYMER TECHNOLOGY

Our asphalt and APP polymer blending technology allows our membranes to retain light oils more effectively. This gives our membrane exceptional resistance against heat and UV radiation.

## EXTRA PROTECTION

DERBICOLOR membranes have granule-surfacing for added protection against heat, UV rays and foot traffic. CR Bright White granules are a highly-reflective option for enhanced energy efficiency.

## EXCEEDING STANDARDS

Manufactured to exceed ASTM standards for Atactic Polypropylene (APP) Modified Bituminous membranes. DERBICOLOR cap sheets outperform in strength and thickness.

PHYSICAL PROPERTIES	ASTM Test Method	ASTM D6222 Type I, Grade G	DERBICOLOR P		ASTM D6223 Type I, Grade G	DERBICOLOR GP		ASTM D6223 Type II, Grade G	DERBICOLOR XPS	
			MD	XMD		MD	XMD		MD	XMD
Tensile strength @ 0°F; lbf/in	D5147	60	90	65	150	190	180	200	205	215
Tensile strength @ 73°F; lbf/in	D5147	50	80	60	65	110	100	100	150	140
Elongation @ 0°F; %	D5147	10	35	35	3	5	4	3	5	5
Elongation @ 73°F; %	D5147	23	55	60	3	5	5	3	5	5
Tear resistance @ 73°F; lbf	D4073/5147	70	100	80	120	170	190	180	255	265
Thickness; mil	D5147	≥160	161		≥160	180		≥160	180	

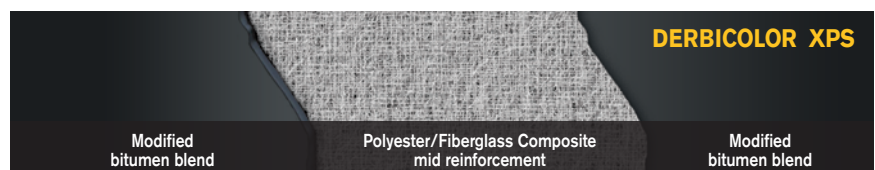
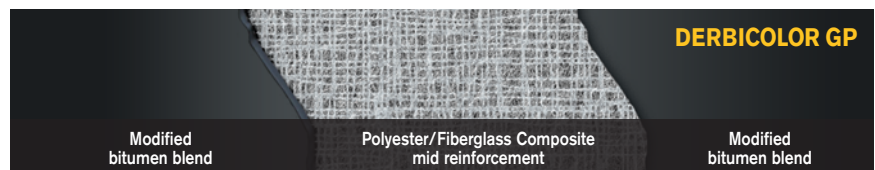
## CORE STRENGTH

Performance Roof Systems uses a combination of polyester and fiberglass reinforcements to give our cap sheets better puncture resistance, greater elongation and UV resistance.

SINGLE-REINFORCED	DOUBLE-REINFORCED	TRIPLE-REINFORCED
<b>P</b> Polyester	<b>GP</b> Composite	<b>XPS</b> Composite

A VARIETY OF OPTIONS  
TO MEET ANY PROJECT NEED

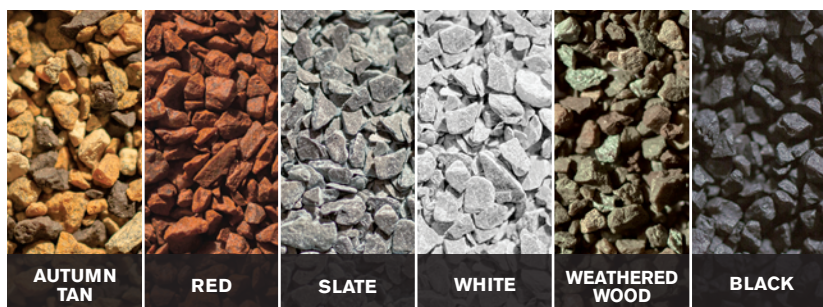
FIRE RESISTANT	COOL ROOF
<b>FR</b> Fire rated	<b>CR</b> Highly reflective granules



In DERBICOLOR GP and XPS membranes, the polyester and fiberglass reinforcements are interwoven at the source of fabric manufacture. This type of reinforcement is known as a composite mat.

## COLOR OPTIONS


Manufactured with the same APP blended asphalt and multiple reinforcements as DERBIGUM. The difference is the granulated surface and colorful appeal. Choose from a variety of DERBICOLOR hues or create a custom color to give your building a distinctive identity.



## COOL ROOF SOLUTIONS

## Why are Cool Roofs important?

- Performs like a reflective shield, protecting your roof from premature aging caused by heat and UV radiation
- Can reduce energy costs by decreasing rooftop temperatures and radiant heat transfer
- Can help with reducing the heat island effect that occurs in developed urban areas

DERBICOLOR CR Bright White					
Solar Reflectance ASTM C1549		Thermal Emittance ASTM E1371		SRI ASTM E1980	
INITIAL	3-YEAR	INITIAL	3-YEAR	INITIAL	3-YEAR
0.76	0.68	0.81	0.82	92	83

Having installed over 160 million square feet of modified bitumen roofing in its 50-year history, Performance Roof Systems has the expertise and proven performance to provide long-term waterproofing solutions.

## CAP SHEETS

PRODUCT	ASTM	REINFORCEMENT	SURFACING	THICKNESS (mil)	COVERAGE (ft²)	ROLL WEIGHT (lb)	ROLLS/PALLET (pallet weight)
DERBICOLOR P DERBICOLOR P-FR DERBICOLOR P-FR-CR	D6222 Type I, Grade G	Polyester	Granules	161 (4.1 mm)	100 (9.2 m²)	101 (45.8 kg)	20 (2,020 lb/916 kg)
DERBICOLOR GP DERBICOLOR GP-FR DERBICOLOR GP-FR-CR	D6223 Type I, Grade G	Polyester + Fiberglass	Granules	180 (4.5 mm)	108 (49.0 kg)	98 (44.5 kg)	20 (1,960 lb/890 kg)
DERBICOLOR XPS DERBICOLOR XPS-FR DERBICOLOR XPS-FR-CR	D6223 Type II, Grade G	Polyester + Composite	Granules	180 (4.5 mm)	110 (49.8 kg)	98 (44.5 kg)	20 (1,960 lb/890 kg)