

C2[®] PLUS

COMMERCIAL ROOFING

C2[®] Plus 45 | 45 mils

Description	Standard	Metric
Base Fabric Weight	3.01 oz / yd ²	102 g / m ²
Fiber/Style	Polyester - Aramid / Knit	
Polymer Type	PVC	

This product conforms to the requirements of ASTM D4434, Standard Specification for Polyvinyl Chloride Sheet Roofing for Type III classification.

Properties	ASTM Test Methods	Standard	Metric
Thickness, overall	D751	45 (+/- 4) mils	1.14 (+/- 0.10) mm
Thickness, over scrim (min)	D4434	16 mils	0.41 mm
Tensile Strength, Grab	D751A	240 lbs	1,068 N
Tensile Elongation	D751A	15%	
Tear Strength	D4434	45 lbs	200 N
Properties After Oven Aging (retained)	D573		
Tensile Strength, Grab	D751A	90%	
Tensile Elongation	D751A	90%	
Ply Adhesion	D751	14 lbs / 2 in	61 N / 5 cm
Ozone Resistance (no cracks)	D1149	Pass	
Water Absorption	D471	< 3 %	
Dimensional Stability (1 hr / 100°C)	D1204	< 1 %	
Dimensional Stability (6 hr / 80°C)	D1204	< 0.5 %	
Solar Reflectance	C1549	0.86	
Solar Emittance	E408	0.86	
Solar Reflective Index (h _c = 30)	E1980	108	
Weathering Resistance (5,000 hrs)	G53	Pass	
Low Temp	D2136	-40°F	-40°C

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