

### C3<sup>®</sup> FLEECE-BACK (FB)

COMMERCIAL ROOFING

#### C3<sup>®</sup> FB80 | 80 mils

Base Fabric	Standard	Metric
Base Fabric Weight	3.41 oz / yd <sup>2</sup>	116 g / m <sup>2</sup>
Fiber/Style	Polyester / Knit	

Coated Fabric	Standard	Metric
Thickness, overall	80 (+/- 8) mils	2.03 (+/- 0.20) mm
Thickness, over scrim (min)	28 mils	0.71 mm
Fabric Backing	3.8 oz Polyester Fleece	
Coating Type	PVC / KEE	

Material Properties	ASTM Test Methods	Standard	Metric
Tensile Strength, Grab (Warp / Fill)	D751A	350 / 300 lbs	1,560 / 1,330 N
Tensile Strength, Elongation (Warp / Fill)	D751A	15% / 15%	
Tear Strength, Tongue (Warp / Fill)	D5884	45 / 45 lbs	200 / 200 N
Puncture Strength (FTMS 101C)	Method 2031	375 lbs	1,670 N
Abrasion Resistance (H18 / 1 kg)	D3884	2,000 cycles	
Ply Adhesion	D751	14 lbs / 2 in	62 N / 5 cm
Ozone Resistance (no cracks)	D1149	Pass	
Water Absorption	D471	< 1 %	
Dimensional Stability (1 hr / 100°C)	D1204	< 1 %	
Solar Reflectance (white)	C1549	0.86	
Solar Emittance (white)	E408	0.86	
Solar Reflective Index	E1980	108	
Weathering Resistance	G53	Pass	
Low Temp	D2136	-40°F	-40°C

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