

# CSP™-TPO FLEECE-BACK (FB)

COMMERCIAL ROOFING

## CSP™-TPO FB 45 | 45 mils

Base Fabric	Standard	Metric
Base Fabric Weight	3.76 oz / yd <sup>2</sup>	128 g / m <sup>2</sup>
Fiber/Style	Polyester / Knit	
Fabric Backing	3.8 oz Polyester Fleece	

Coated Fabric	Standard	Metric
Thickness, overall	45 (+/- 4) mils	1.52 (+/- 0.01) mm
Thickness, over scrim (min)	12 mils	0.30 mm
Coating Type	TPO	

Material Properties	ASTM Test Methods	Standard	Metric
Tensile Strength, Grab (Warp / Fill)	D751A	325 / 275 lbs	1,450 / 1,220 N
Tear Strength, 6.5" x 7" specimen (Warp / Fill)	D751B (mod)	65 / 65 lbs	289 / 289 N
Puncture Strength (FTMS 101C)	Method 2031	375 lbs	1,670 N
Hydrostatic Resistance	D751A	500 psi	3.45 MPa
Seam Adhesion (thermal)	D751	35 lbs / in	61 N / cm
Abrasion Resistance (H18 / 1 kg)	D3884	2,000 cycles	
Ozone Resistance	D1149	Pass	
Water Absorption	D471	< 1 %	
Dimensional Stability (1 hr / 100°C)	D1204	< 1 %	
Solar Reflectance	C1549	0.79	
Solar Emittance	E408	0.87	
Solar Reflective Index (h <sub>c</sub> = 30)	E1980	138	
Low Temp	D2136	-40°F	-40°C
High Temp, Cont/Interm.	D1204	180 / 200°F	82 / 93°C

The information contained herein or that is supplied by us, or on our behalf, is based upon data obtained through our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data, the results obtained from the use thereof, or that any such use will not infringe upon any patent. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.

Elvaloy® is a registered trademark of E. I. du Pont de Nemours and Company

For further information, please contact Building Products:  
401.724.9000 or [bpinfo@cooleysgroup.com](mailto:bpinfo@cooleysgroup.com)