

CSP™-TPO FLEECE-BACK (FB)

COMMERCIAL ROOFING

CSP™-TPO FB 80 | 80 mils

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

| Coated Fabric | Standard | Metric |
|-----------------------------|-----------------|--------------------|
| Thickness, overall | 80 (+/- 8) mils | 2.03 (+/- 0.02) 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 | 350 / 300 lbs | 1,560 / 1,330 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 | 3,000 cycles | |
| Ozone Resistance (no cracks) | 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 _c = 30) | E1980 | 138 | |
| Low Temp | D2136 | -40°F | -40°C |
| High Temp, Cont/Interm. | D1204 | 180 / 200°F | 82 / 93°C |

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