

Product Characteristics - CAFCO[®] BLAZE-SHIELD[®] II

<u>Properties</u>	<u>ASTM Method</u>	<u>Standard Value</u>	<u>Tested Value</u>
Flame Spread	E84 (UL723, CAN/ULC-S102)	N/A	0
Smoke Developed	E84 (UL723, CAN/ULC-S102)	N/A	0
Density	E605	15 pcf (240 kg/m ³)	16 pcf (256 kg/m ³)
Cohesion/Adhesion	E736	150 psf (7.2kPa)	375 psf (17.9 kPa)
Deflection	E759	No Cracks or Delaminations	No Cracks or Delaminations
Bond Impact	E760	No Cracks or Delaminations	No Cracks or Delaminations
Compressive Strength	E761	750 psf (35.9 kPa)	2,380 psf (114 kPa)
Air Erosion Resistance	E859	Less than 0.025 g/ft ² (0.27 g/m ²)	0.000 g/ft ² (0.000 g/m ²)
Corrosion Resistance	E937, Mil. Std. 810	Does Not Promote Corrosion of Steel	Does Not Promote Corrosion of Steel
Sound Absorption	C423	N/A	0.75 NRC, 1/2" (13mm) onto deck and beam
Thermal Conductivity (R value)	C518	N/A	3.33
Combustibility	E136	Noncombustible	Noncombustible

