

## Product Characteristics - CAFCO<sup>®</sup> BLAZE-SHIELD<sup>®</sup> HP

<b><u>Properties</u></b>	<b><u>ASTM Method</u></b>	<b><u>Standard Value</u></b>	<b><u>Tested Value</u></b>
Flame Spread	E84 CAN/ULC -S102	N/A	0
Smoke Developed	E84 CAN/ULC -S102	N/A	0
Density	E605	22 pcf (352 kg/m <sup>3</sup> )	26.2 pcf (420 kg/m <sup>3</sup> )
Cohesion/Adhesion	E736	434 psf (20.8kPa)	1,421 psf (68kPa)
Deflection	E759	No Cracks or Delaminations	No Cracks or Delaminations
Bond Impact	E760	No Cracks or Delaminations	No Cracks or Delaminations
Compressive Strength	E761	7,344 psf (351kPa)	7,980 psf (382 kPa)
Air Erosion Resistance	E859	Less than 0.025 g/ft <sup>2</sup> (0.27g/m <sup>2</sup> )	0.000 g/ft <sup>2</sup> (0.000 g/m <sup>2</sup> )
Corrosion Resistance	E937, Mil. Std. 810	Does Not Promote Corrosion of Steel	Does Not Promote Corrosion of Steel
Sound Absorption	C423	N/A	.85 NRC, 1/2" (12.7mm) onto deck and beam
Thermal Conductivity (R value)	C518	N/A	2.43
Combustibility	E136 CAN4-S114	Noncombustible	Noncombustible