

Tuff Face is a Cross-Laminated Polyethylene Facing used as a vapor barrier. Bay Insulation Systems will custom laminate Tuff Face to a resilient, light density fiberglass blanket for your specific application. This product is typically used in Agricultural Building applications.

PHYSICAL PROPERTIES of Tuff Face		
Property	Test Method	Value
Nominal Thickness	Continuous Gauging	4.6 mils +/- 10%
Unit Weight	Approximate	110 g/m ² +/- 10%
Tensile at Break	ASTM D882	29 lb/in
Elongation at Break	ASTM D882	375%
Puncture Propagation Tear	ASTM D2582	8,000 grams
Permeance (WVTR)	ASTM E96	0.03g / 100in ² / 24hr @ 100°F

PHYSICAL PROPERTIES of Faced Metal Building Insulation Composite Material		
Property	Test Method	Value
Thickness & Thermal Resistance	ASTM C167, ASTM C177 / C518 *Home Innovations Lab Certified	2.0" - R-8 3.0" - R-10 3.5" - R-11 4.0" - R-13

AVAILABLE SIZES			
R-Value	Nominal Thickness ¹	Standard Widths	Lengths
R-8	2.0"	36", 48", 72"	Custom laminated to length.
R-10	3.0"	36", 48", 72"	Custom laminated to length.
R-11	3.5"	36", 48", 72"	Custom laminated to length.
R-13	4.0"	36", 48", 72"	Custom laminated to length.

¹ Thicknesses are post-laminated and may vary slightly based on insulation manufacturer

