Energy Shield High R-Value

MATERIAL DESCRIPTION

Energy Shield High R-Value contains 2-Layers of 18 oz Coated Vinyl Sandwiche Around A Fiberglass Formaldehyde Free Insulation with R Value of R-10 +

High R-Value Insulation

MATERIAL DESCRIPTION

Insulation Type	**Certified Formaldehyde Free Fiberglass Insulation, Foil Laminated, with Available in R-10, and R-15. R Value Up to R-30 on Request**
Roll Size	**60 in**
R-Value	**R-10, R-15, Custom**
ASTM E 136	**Certified**
ASTM E 84	**Certified**
NAIMA 202-96	**Certified**

** Results above reflect typical performance characteristics of the product listed. This document should not be used as certification to any specification.*

(800) 347-8368 (812) 234-4586 www.SteelGuardSafety.com info@SteelGuardSafety.com

STEEL GUARD SAFETY PRODUCTS

18oz Coated Polyester Vinyl - Flame Resistant

MATERIAL DESCRIPTION

Roll Weight	**18OZ/YD²**
Roll Width	**61"**
Fiber	**Polyester (1000D x 1300D)**
Fabric Style	**Woven (18 x 17)**
Type of Coating	**Poly Vinyl Chloride**
Coating Distribution	**60% front / 40% back**
Sealing Properties	**☒ Dielectric ☒Thermal**

PROPERTY	RESULTS	TEST METHODS Fed. Std. 191A / ASTM	
Grab Tensile	**Warp 400 lbs Fill 390 lbs**	**5100**	**D5034**
Strip Tensile	**Warp (2"): 290 lbs Fill (2"): 280 lbs**	**5102**	**D5035**
Tongue Tear	**Warp 90 lbs Fill 85 lbs**	**5134**	**D751**
Adhesion	**Adhesive (1"): 10lbs**		
Abrasion (Taber) Wheel: H-18 Load: 1000 gr	**1000 Cycle, 70 rpm**	**5106**	**D3884**
Hydro Resistance	**500 PSI**	**5512**	
Low Temperature	**-40 degrees F**		
Flame Resistance			
Time of After Flame	**1.00**	**5903**	
NFPA701 (Large Scale)	**Pass**	**N/A**	
NFPA701 (Small Scale)	**Pass**	**N/A**	
FAR 25.853 (b)	**Pass**	**N/A**	
California Fire Marshall	**Pass**	**N/A**	

** Results above reflect typical performance characteristics of the product listed. This document should not be used as certification to any specification.*

(800) 347-8368 (812) 234-4586 www.SteelGuardSafety.com info@SteelGuardSafety.com