

# EHP-VR-R PLUS

Polypropylene / Scrim / Polyester  
Meets ASTM C1136, Type II, IV

Facing Structure	Values (English)	Values (Metric)
White Polypropylene Film ~ Flame Resistant Adhesive ~ Tri-directional Reinforcing Fiberglass Yarn ~ Metallized Polyester Film (Total Thickness)	0.0072 inch	185 micron
Tri-directional Fiberglass Reinforcing Dimensions...	4/inch (MD) 4/inch (TD)	16/100 mm (MD) 16/100 mm (TD)

Physical Properties	Test Method	Values (English)	Values (Metric)
Basis Weight	Scale	13.3 lbs / 1000 ft <sup>2</sup>	65 gm / m <sup>2</sup>
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hrft <sup>2</sup> in Hg)	1.15 ng / Ns
Bursting Strength	ASTM D774	100 psi	7.0 kg / cm <sup>2</sup>
Tensile Strength	ASTM C1136	35 lbs/inch width (MD) 35 lbs/inch width (XD)	6.1 kn / m (MD) 6.1 kn / m (XD)
Accelerated Aging	30 Days @ 95% RH, 120°F (49°C)	No Corrosion No Delamination	No Corrosion No Delamination
Low Temperature Resistance	ASTM D1790 -40°F (-40°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	4 hours @ 220°F (104°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Water Immersion	24 hours @ 73°F (23°C)	No Delamination	No Delamination
Mold Resistance	ASTM C665 / C1338	No Growth	No Growth
Dimensional Stability	ASTM D1204	0.25%	0.25%
Light Reflectance	ASTM C523	85%	85%

Fire Testing	Test Method	Flame Spread	Smoke Developed
Metal Building Composite	ASTM E-84 / UL 723	25	50

Physical Properties are based on typical values, Weight/Thickness +/- 10% tolerance.  
Exposure to direct/indirect sunlight and high intensity indoor lighting is not recommended.

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