

## Translucent Roof (Tear Resistant) Technical Data

PRODUCT CODE:  
MSR07RW

**DESCRIPTION:** Stabilit transportation translucent roof is a high strength fiberglass composite panel. It is UV resistant and has excellent weathering capabilities. All roadside and curbside edges are reinforced with woven roving to protect against rivet pull out. Panels are available with 10% or 30% light transmission. Panels are produced with a tear resistant woven fabric, engineered to withstand inline, cross directional and diagonal tear propagation.

**USE:** Designed for use as a roof sheet in dry freight trailers.

### PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE	TEST METHOD
Flexural Strength	27,850 PSI	ASTM D-790
Flexural Modulus	885,000 PSI	ASTM D-790
Tensile Strength	14,160 PSI	ASTM D-638
Tensile Modulus	1,200,000 PSI	ASTM D-638
Izod Impact (Notched)	14 Ft. Lbs.	ASTM D-256
Barcol Hardness	45	ASTM D-2583

TEAR PROPAGATION DIRECTION	TEAR PROPAGATION LB / IN
Machine Direction	755 lb / in
Cross Machine Direction	798 lb / in
45 Degree Direction	815 lb / in

### PRODUCT DESIGN SPECIFICATIONS

THICKNESS	COLOR	WIDTH	FINISH	WEIGHT
0.075	N/A	Up to 105"	Embossed	.49 lbs Sq Ft

For more information visit:  
[glasteel.com](http://glasteel.com)



**NOTES:** Stabilit translucent roof is available in bulk coil, 250 to 500 linear feet as well as cut-to-length sheets. Cut-to-length sheets can be interlapped into one coil for customer convenience. Material can also be coiled with embossed side facing inside or out.

**STANDARDS:** All material tolerances and product specifications can be found in the Stabilit Quality Specification Data Sheet. Available upon request.

**AESTHETICS:** Stabilit Transportation panels will provide a bright clean look when installed. Please note that periodically small areas that are unacceptable for use will be present on the panels. Stabilit will always do its best to identify these areas but user should always inspect panels prior to installation. If an unacceptable area is discovered, please notify Stabilit at once for replacement of the affected material. When verification is made, Stabilit will either reimburse or supply replacement material but in no means will cover labor, installation or handling expense.

**CUTTING:** Stabilit Transportation Panels can be cut using power saws with a carbide tip or masonry blade. Use caution and always wear protective goggles and a filter mask when cutting panels.

**INSTALLATION:** Follow industry-wide fastening procedures utilizing mechanical and/or adhesives.

**STORAGE:** All Stabilit Transportation Panels should be stored indoors in a cool dry area. Moisture permitted to remain trapped between panels can cause expansion and discoloration.

**MAINTENANCE:** To ensure that Stabilit Transportation Panels retain their sparkling clean looks, a periodic cleaning with warm soapy water or steam cleaning is recommended.

**NONWARRANTY:** The information contained in this literature is presented in good faith, and is believed to be accurate at time of publication. No representation, guarantee or warranty is made as to the completeness, reliability or accuracy of this information. No implied warranty or merchantability or functional use for specific application.

