

DuroSpan™ Translucent FRP Roof & Wall Panels

Structural Daylighting Panels for Commercial & Industrial Buildings

Natural Light Transmission

- Better Work Conditions
- Lower Energy Cost

DuroSpan™ translucent panels from Enduro Composites offer natural lighting for buildings along with superior structural performance and appearance. End users love the improved workplace and reduced energy bills resulting from maintenance-free, FRP cladding panels.

Superior Strength

- Leak Protection
- Less Fasteners
- Lower Cost Installation

DuroSpan™ glass fiber reinforced plastic panels are much stronger than chopped strand or polycarbonate materials. With high content of glass fiber reinforcements, 48% by weight, aligned for optimum performance, the panels have superior strength and stiffness. This results in leak protection, fewer fasteners, and lower installation cost.

UV Protection + Corrosion Resistance

- Better Appearance
- Lower Life Cycle Cost

DuroSpan™ materials do not corrode in coastal or tough industrial conditions. Its premium, UV stabilized polyester resin and exterior coating ensure extended retention of aesthetic and light transmitting properties. For DuroSpan™ exterior cladding, UV Coating Protection is standard with minimal added cost.

Product Options

- Profile, Color & Finish Options
- Lengths Cut to Order

The fiberglass roofing and siding panels are USA made and available in a wide range of profiles and translucent colors that transmit soft, diffused natural lighting. Finish options include: 1) smooth finish on both sides; or 2) embossed finish on the exterior side with smooth surface on the interior. Panel lengths are cut to order.



DuroSpan™ Materials	Series					Glass Fiber Content
	450	300	210	150	050	
Weight, Oz/SF (nom.)	16	12	10	8	5	48% by Weight
Tensile Strength, ASTM D638	43,500 psi		Building Code Class			CC2 (Note 2)
Tensile Modulus, ASTM D638	2.52 x 10 ⁶ psi		Burning Rate, ASTM D635			<2.5 in/min
Flexural Strength, ASTM D790	40,700 psi		Smoke Density, ASTM E84			300
Flexural Modulus, ASTM D790	1.24 x 10 ⁶ psi		% Elongation, ASTM D638			2.3%

1) ASTM data is based on tests conducted on Series 150 (8 oz.) materials.

2) For CC1 Code Class or FM Approved materials, please contact Enduro Composites for Tuff Span™ FRP building panels.

DuroSpan™ Translucent FRP Roof & Wall Panels

Structural Daylighting Panels for Commercial & Industrial Buildings

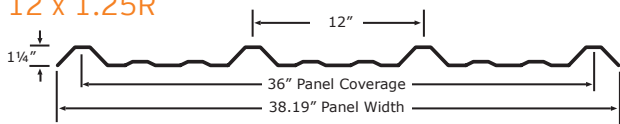
Light Transmission & Translucent Colors

Translucent Colors	Clear, Opal, Smoke Gray, Mist Green, Daylight Blue, Frost, and others.
Light Transmission, ASTM D1494	Translucent Clear_up to 80% Translucent Opal_up to 55%
Light transmission % varies with color, profile, and thickness. Nominal % shown here is for Series 150 (8 oz.) material.	

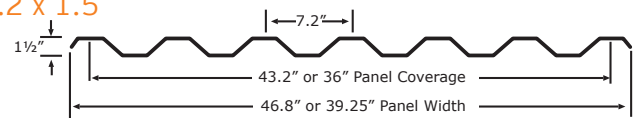
Panel Profiles

Enduro has manufacturing capability for over 50 panel profiles. These are some of the profiles available for DuroSpan™ translucent roofing and siding.

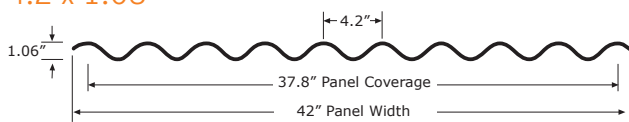
12 x 1.25R



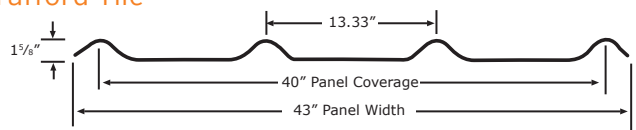
7.2 x 1.5



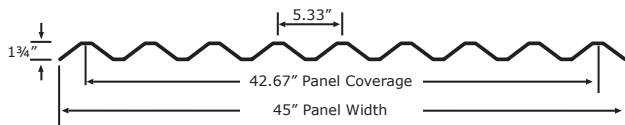
4.2 x 1.06



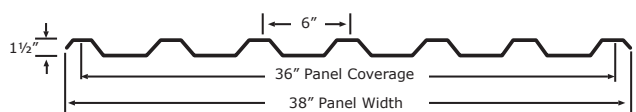
Trafford Tile



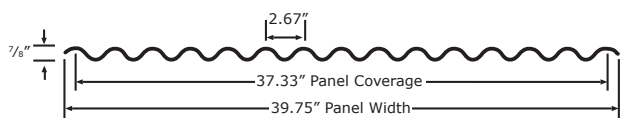
5.33 x 1.75V



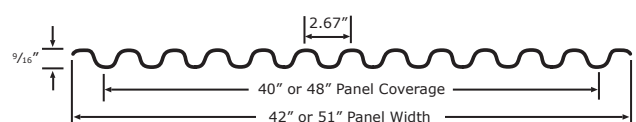
6.0 x 1.5



2.67 x 7/8



2 1/2 x 1/2



Please contact Enduro Composites for assistance with these and other panel shapes. For new profiles, we design and make production tooling in-house utilizing precision CNC equipment.

DuroSpan™ and Tuff Span™ building panels from Enduro™ are recognized world-wide as premium materials that deliver superior performance. The reinforced plastic building components are manufactured at our ISO 9001 certified, state of the art facility in Houston, Texas. Please contact us for assistance.

