

From Dusk to Dawn

BXR Series **Translucent Roof** is an enlightening idea.

BXR

T-Roof from US Liner



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LIGHTWEIGHT • HIGH STRENGTH • LOW COST • MOISTURE & SOLVENT RESISTANT • CORROSION RESISTANT • EASY TO REPAIR



BXR

T-Roof from US Liner

BXR Series T-Roof sets new standards in durability and performance.

New **BXR** Translucent Roofs from US Liner are clearly a brighter idea. As the industry leader in advanced thermoplastic liners, we've heard the many problems with traditional translucent roofs.

Fact is, the current generation of translucent roofs couldn't stand up to the demanding expectations of the trucking industry. They tore easily, were susceptible to extreme heat buildup, became brittle over time and cracked from the effects of weather and UV radiation. Quite frankly, even the mention of "Translucent Roof" and the typical reaction was, "No, nothing but problems!" But now, there is a brighter choice...BXR from US Liner.

Durability that performs coast to coast. Dawn 'til dusk.

Made from multi-layer, glass-reinforced polypropylene, **BXR** Translucent Roof is ideal for all dry freight van applications. Engineered for superior performance, **BXR** panels will make you rethink what you've come to expect from traditional translucent roof materials.

- > Over five-times the tear resistance of the "best" fiberglass roof currently in the market
- > Super-bright, white surface to reflect radiant heat and maintain a cooler trailer
- > Unsurpassed UV protection to deter cracking due to sun and weather
- > Water resistant, five-layer construction
- > Resists rot, corrosion and mildew
- > Easily cleaned; resists chemical degradation
- > Super adhesion to the roof bows with standard adhesives



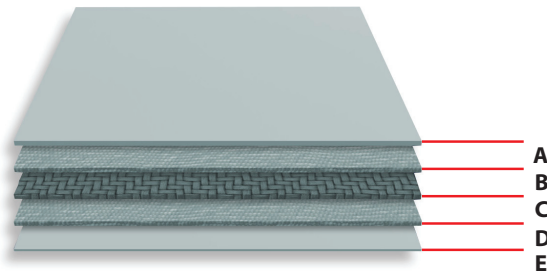
US Liner innovates. Again.

BXR panels are backed by US Liner – the company that protects more vans and reefers than anyone else.

We engineered **BXR** Roof panels with a unique, five-layer construction using proven **Versitex** and **Bulitex**. Reinforced with continuous, glass fibers - both woven and non-woven - **BXR** provides exceptional impact strength while permitting a high-level of light transmittance without heat build-up.

The thermoplastic properties of **BXR** Series T-Roof Panels also provide maximum energy absorption, reducing the likelihood of cracks and punctures. Thermal expansion properties are similar to aluminum.

BXR Series is maintenance friendly, too. Minor damage can be repaired by applying low-heat, not chemicals, like fiberglass.



- A) Super White UV Film
- B) Versitex Nonwoven (Water Barrier/Impact Strength)
- C) Bulitex Woven (Tear/Impact Strength)
- D) Versitex Nonwoven (Water Barrier/Impact Strength)
- E) Adhesion Promoter (Aids Adhesion to Roof Bows)

Not convinced that BXR Series is right for you?

We know that translucent roofs have earned a bad reputation in the industry. But we're so convinced that once you try **BXR** Series Roof Panels, you'll see the light too.

To learn how you can get a free trial, call **1-800-USLINER (1-800-875-4673)** for more information.



BXR Series panels provide exceptional impact resistance from low-hanging branches and other roadside hazards.



BXR

TRANSLUCENT ROOF PANELS

Product Code: **BXR** Series

APPLICATION:

Dry Freight Vans, Truck Body and Storage Containers

PRODUCT DESCRIPTION:

BXR Series is a translucent, multi-layered, thermoplastic composite material comprised of polypropylene resin, reinforced with continuous woven- and non-woven glass fibers to create high impact resistant panels. Since ambient light can pass through **BXR** Series, it is ideal for dry freight van roofing applications. Evenly distributed physical properties are attributed to its hybrid Bulitex-Versitex glass matrix. Panels are easily repaired by applying low heat.



TECHNICAL DATA:

Property	Units	Value	Test Method
Multi-Axial Impact Strength	ft-lbs	13.3	ASTM D3763
Flexural Strength	10 ³ psi	40	ASTM D790
Flexural Modulus	10 ⁶ psi	1.6	ASTM D790
Tensile Strength	10 ⁶ psi	42	ASTM D638
Tensile Modulus	10 ⁶ psi	1.8	ASTM D638
Tensile Elongation	%	2.9	ASTM D638
Specific Gravity		1.5	
Coefficient of Linear Thermal Expansion	10 ⁻⁵ /°F	1	
Thermal Conductivity (K)	Btu-in/hr-ft ² -°F	0.54	
Nominal Thickness	in.	.075	
Light Transmittance (UV)	%	2.3	
Light Transmittance (Visual)	%	17.1	
Light Transmittance (Solar)	%	14.5	
Nominal Weight	lbs./ft ²	0.51	
Width	in.	96 & 102-5/8	
Lengths		Cut to size* or coils to 600'	
Finish: Side 1/ Side 2		Smooth White/Natural Bonding Surface	

*Subject to minimum order quantities.



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