

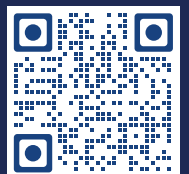
BXR
T-ROOF FROM TRANSTEX

TRANSLUSCENT ROOF



TRANSTEX[®]

transtex-llc.com





BXR SERIES T-ROOF SETS THE STANDARD FOR DURABILITY AND PERFORMANCE.

With over 40 years of industry experience, TRANSTEX is a trusted leader in advanced thermoplastic liners. The BXR translucent roof system offers a durable, high-performance roofing solution that delivers outstanding strength, long-term reliability, and excellent light transmission. Designed to enhance interior visibility while withstanding the demands of everyday use, BXR is a smart choice for dry van applications requiring performance without compromise.

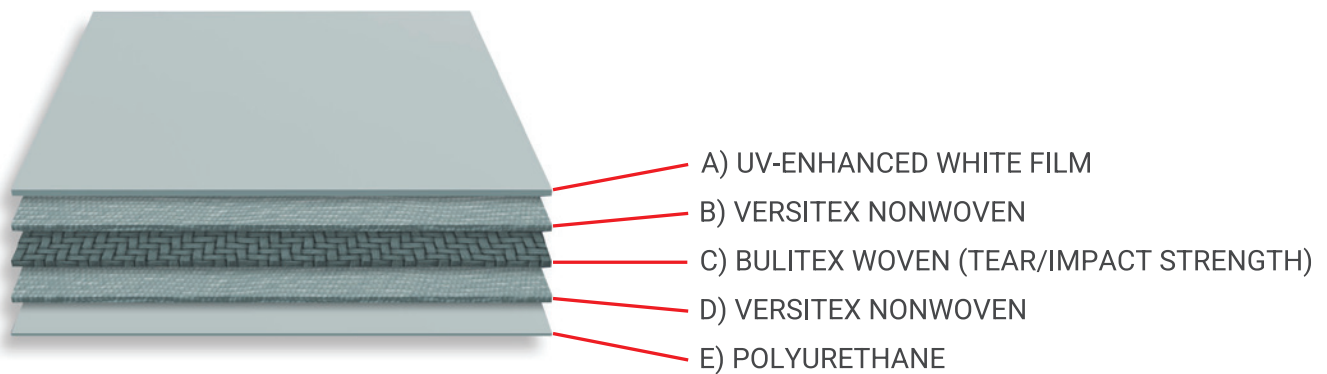
DESIGNED TO PERFORM. BUILT TO INNOVATE.

BXR panels are built for long-lasting performance in demanding trailer applications. Engineered for strength, durability, and ease of maintenance.

- High impact resistance for added protection
- Resists rot, corrosion, and mildew
- White surface helps reduce heat buildup
- Easy to clean and resistant to chemical damage
- UV-resistant for extended service life
- Provides strong adhesion to roof bows
- Water-resistant, five-layer construction

RELIABILITY ENGINEERED BY TRANSTEX.

Manufactured in the United States, BXR Translucent Roof panels are made from multi-layer, glass-reinforced polypropylene and are ideally suited for dry van applications. Featuring a proprietary five-layer design that incorporates both Versitex and Bulitex materials, BXR panels combine woven and non-woven glass fiber layers to deliver high impact resistance. This advanced construction allows for effective light transmittance while minimizing heat buildup. The panels' thermoplastic composition offers high energy absorption, which helps reduce the risk of cracks and punctures. Their thermal expansion properties closely match those of aluminum, making them well-suited for trailer environments. BXR panels are also designed for easy maintenance. Minor surface damage can be quickly repaired using low heat.



Call **1-800-332-3519** for more information.



TRANSLUCENT ROOF PANELS

PRODUCT DESCRIPTION:

The BXR Series is a translucent, multi-layered thermoplastic composite made from polypropylene resin and reinforced with both continuous woven and non-woven glass fibers. The UV additives in the top layer provide excellent durability, while the polyurethane construction of the bottom layer guarantees strong adhesion to your structural components. This advanced construction delivers exceptional impact resistance, making BXR panels highly durable. Due to their ability to transmit light, BXR panels are especially well-suited for dry van roofing applications, allowing natural ambient light to pass through. The material's balanced mechanical strength comes from its unique hybrid glass fiber matrix, combining Bulitex and Versitex technologies. BXR panels can be easily repaired with the application of heat. This product is available in both sheet and coiled formats, with widths of 96 or 102 inches.

APPLICATION: Dry Freight Vans and Truck Bodies

PRODUCT CODE: BXR SERIES

TECHNICAL DATA

	Units	Value	Test Method
Flexural Strength (direction 0)	psi	24700	ASTM D790
Flexural Strength (direction 90)	psi	35660	ASTM D790
Energy absorbed at peak load	j	11.84	ASTM D3763
Glass content (by weight)	%	54.6	ASTM D5630
Nominal thickness	in	0.080 ± 0.005	N/A
Surface density	lbs/sqft	0.52 ± 0.02	N/A
Tensile strength (direction 0)	psi	14144.2	ASTM D638
Tensile modulus (direction 0)	psi	934914	ASTM D638
Tensile Elongation (Direction 0)	%	2.8	ASTM D638
Thermal expansion (average of -40 to 65 deg C, Direction 0)	microns/m.deg C	39.15	ASTM E831
Thermal conductivity	W/M.K	0.143	ASTM C518
Specific gravity	N/A	1.30	ASTM D792
Solar transmittance (Direct Normal Irradiance)	%	5.01	ASTM E903

Contact TRANSTEX for guidance or additional questions on these values. These are provided for informational purposes only. We recommend performing your own internal testing for your specific application.

TRANSTEX®

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1.877.332.3519

TRANSTEX is a leading manufacturer of advanced, thermoplastic composite solutions for a broad range of applications in new and diverse markets. Their expanding range of glass-reinforced polypropylene composite materials have set the industry standard for toughness and durability in applications throughout industry worldwide.

