

CRANE

Composites

TRAVEL TOUGH
with frp panels

INTERIOR LINERS dry/refrigerated trailers + truck bodies



Crane Composites has been in the business of lining transportation trailers and truck bodies since 1954. Crane Composites liners are lightweight, cleanable, highly stain and abrasion resistant.

Crane Composites was first to introduce a composite panel into the truck trailer market. Our panels were the first Fiberglass Reinforced Plastic (frp) composite liners and full seamless lightweight liners in the market.

All Crane Composites liners are in compliance with the FSMA/USDA/FSIS requirements.

THERE'S NO BETTER OPTION



**EASY TO
INSTALL**



**ABRASION
RESISTANT**



**EASY TO
CLEAN**



**IMPACT
DURABILITY**



**RESISTS
DAMAGE**

benefits

RESISTS DAMAGE

- Engineered matrix of glass reinforcement with multiple reinforcement options along with long strand chopped glass and durable polyester resin
- Robust resin system engineered for surface hardness and panel durability

LOOKS BETTER LONGER

- Consistent white appearance that is easy to clean and maintain
- Very low vapor transmission rate, superior to similar materials, which minimize weight gain in your refrigerated vehicle
- Abrasion resistant surface that keeps your vehicle looking better longer
- Equipped with **SURFASEAL**® Technology for unmatched cleanability

thermoset liners vs. thermoplastic

thermoset liners advantage

- No voids in surface that can trap dirt and debris
- Abrasion resistant product for a hard, dense, resin rich surface that is easily cleaned

ARMORTUF® ERMI EMBOSSED LINER



discover the difference

ARMORTUF ERMI Liner is a high impact resistant liner panel with woven (18 ounce) and long strand chopped glass reinforcement in a polyester resin with Surfaseal. The woven fiberglass construction combined with long strand chopped glass provides more consistent physical properties throughout the entire panel. The polyester resin system provides an excellent backside bonding surface for adhesives and foams.



Properties	ERMI
WEIGHT	0.52 lbs/ft ² 2.53 kg/m ²
STRENGTH	235 lb 107 kg
STIFFNESS	21.09 lb-in
THICKNESS	0.075" 1.9 mm



what is SURFASEAL®?

Made of fiberglass reinforced plastic (FRP), ARMORTUF with SURFASEAL is extremely moisture-resistant and non-porous. The SURFASEAL film finish, found only on ARMORTUF + KEMLITE panels, provides a barrier that's highly resistant to staining and scratching. Because of it's unique process, the SURFASEAL finish will not trap dirt, debris, or bacteria on the panel. The surface is up to 10 times easier to clean and up to six times more stain resistant than other sanitary wall systems. The sturdy panels, which come in both pebbled and smooth textures, hold up under frequent maintenance cycles, and proven performance.

ARMORTUF® + KEMLITE® additional product offering

EMBOSED PANELS

ARMORTUF Heavy-Duty Liner



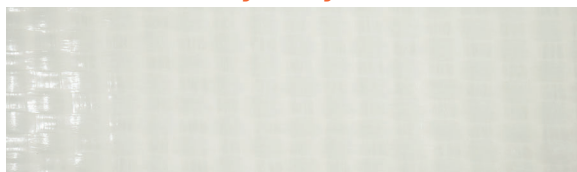
KEMLITE Liner



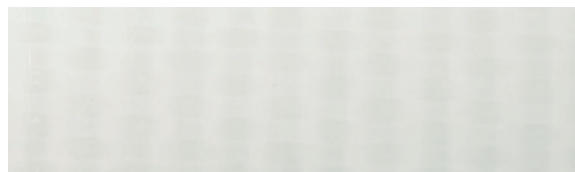
	EATR	LTR
	Heavy duty, superior impact resistant, fiberglass reinforced plastic (FRP) for trailers that is comprised with woven roving fiberglass, random chopped fiberglass and polyester resin.	Composed of random chopped fiberglass with a polyester resin that is cleanable, stain resistant, and abrasion resistant product.
WEIGHT	0.58 lbs/ft ² 2.83 kg/m ²	0.49 lbs/ft ² 2.39 kg/m ²
STRENGTH	420 lb 190.5kg	190 lb 86 kg
STIFFNESS	46.06 lb-in	36.45 lb-in
THICKNESS	0.085" 2.2 mm	0.09" 2.3 mm

SMOOTH PANELS

ARMORTUF Heavy-Duty Liner



ARMORTUF Liner



	ARMT	ARMI
	Heavy duty, superior impact resistant, fiberglass reinforced plastic (FRP) for trailers that is comprised with woven roving fiberglass, random chopped fiberglass and polyester resin.	High-impact resistant liner panel with woven roving fiberglass, random chopped fiberglass, and polyester resin for trailers and truck bodies that see more abuse than the average truck body.
WEIGHT	0.59 lbs/ft ² 2.88 kg/m ²	0.47 lbs/ft ² 2.35 kg/m ²
STRENGTH	460 lb 208.7 kg	260 lb 117 kg
STIFFNESS	31.64 lb-in	22.89 lb-in
THICKNESS	0.075" 1.9 mm	0.065" 1.7 mm

Interior Liner product line

ARMORTUF

Our ARMORTUF brand is our premier line of high impact resistant, heavy duty sidewall liners. ARMORTUF liners are composed of continuous woven roving fiberglass along with long strand chopped fiberglass and polyester resin.

KEMLITE

Our KEMLITE brand is our legacy line of lightweight liners. KEMLITE products include long strand random chopped fiberglass and durable polyester resin.



more than 70 years

A global leading provider of resilient wall and ceiling coverings. Kemlite® was established in 1954 and the company changed names to Crane Composites in 2007. Crane Composites is headquartered in Channahon, IL and all our products are manufactured in the United States. We work with hundreds of distributors, ensuring our products are easily accessible and readily available to our customers.



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