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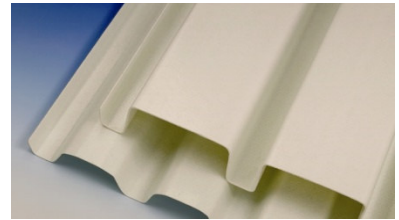
FRP Roof Deck Systems

Product Description

Resolite Tred-Safe® DECK is the smart choice for the highly corrosive environments found in pulp and paper mills, galvanizing plants, salt operations, metal processing, chemical plants and virtually anywhere corrosive elements exist. Tred-Safe® DECK is the ideal replacement for metal or wood decks, spalling concrete channel slabs or other deteriorated system.

Design Features:

- ✓ Corrosion Resistance
- ✓ High Strength to Weight Ratio
- ✓ Safe Work Platform
- ✓ In-Place Design Flexibility

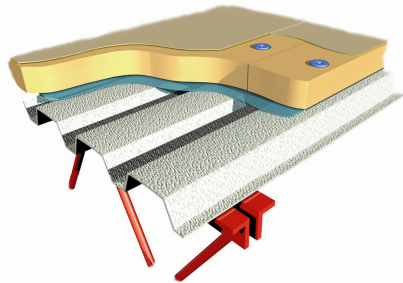


Materials

Resolite FRP deck units are manufactured from high quality, fire-rated vinyl ester composites. These structural components are designed with multi-layered, bidirectional, continuous strand woven glass reinforcement, and Resolite's C/W barrier to provide superior strength and corrosion resistance.

Why Resolite Tred-Safe® DECK?

Resolite FRP roofing and siding panels have been the choice for heavy corrosive environments for over 50 years. The same corrosion protection synonymous with Resolite FRP panels can now be incorporated into ***Built-Up and Membrane Roof Systems***. When life-cycle costs are considered, the long life of FRP materials in this application enables the FRP roof decks to be a cost effective alternative to traditional steel, wood, and concrete designs. Resolite's unique deck design provides for easy installation using traditional construction methods. The lightweight FRP deck units are engineered to parallel the capabilities of traditional metal deck products.



* Resolite's Tred-Safe® DECK is also available to meet Factory Mutual Approval requirements for Class 1 and Class I-90 windstorm classifications when used in insulated roof assemblies. For specific system requirements, contact a Resolite representative.



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Project Profile

Resolite FRP Deck was the solution for this Stainless Steel Tube Processing Facility's corrosive environment. The option to use FRP, will save time and money by avoiding the need for replacement for decades.

Size: 42,000 sf built-up roof installation replacing painted metal deck.



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