



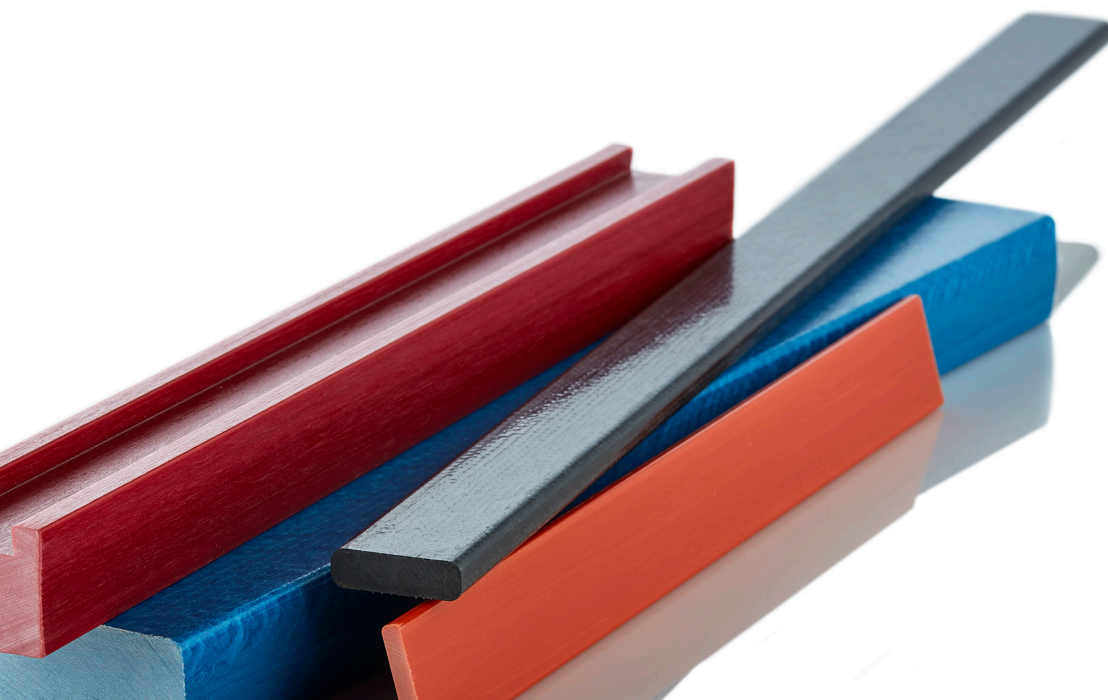
» PRODUCT BULLETIN


Glasforms™ Improved Adhesion Formulations

Glasforms™ thermoset pultruded composites featuring improved adhesion resin formulations provide enhanced adhesive properties that enable exceptional bonding performance for end products. Manufacturers save time and labor by eliminating the need for peel ply or other surface preparation such as grinding or abrading, while achieving superior adhesion compared to these typical processes. Pultrusions manufactured using these formulations can also enable the use of adhesives to replace mechanical fasteners, reducing complexity and improving fatigue performance.

KEY CHARACTERISTICS

- Improves bonding performance of epoxy adhesives in installation of pultruded parts
- Eliminates need for surface preparation with abrasion or removal of peel ply layer prior to application of adhesives
- Reduces overall system costs by saving time and labor on secondary processes
- Enables replacement of mechanical fasteners with epoxy adhesives for improved fatigue performance and reduced weight
- Simplifies manufacturing processes and reduces part complexity





FORMULATION	LAP SHEAR - ASTM D3167-07
Polyester + Glass, epoxy adhesive	3,600 PSI
Vinyl Ester + Glass, epoxy adhesive	3,800 PSI

MARKETS AND APPLICATIONS

Infrastructure Reinforcement

- Concrete reinforcement
- Rebar

Industrial

- Containers
- Support structures

Electrical & Energy

- Insulator rods with overmolded silicone jacketing
- Wind energy applications

Transportation

- Trailer reinforcement
- Support structures

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