

VITROX[®] HC

VITROX[®] Polyurethane Resin System with Advanced Honeycomb Technology

TECHNOLOGY OVERVIEW:

VITROX[®] polyurethane resin system with Advanced Honeycomb Technology is a two-component (MDI and polyol blend) formulated polyurethane (PU) resin system used to produce advanced honeycomb composite panels and structural parts. This system molds/forms at a stable, low viscosity until snap-cured. Its signature **tunable reactivity** enables long working times for large and complex composite structural parts with an **improved stiffness-to-weight ratio**.

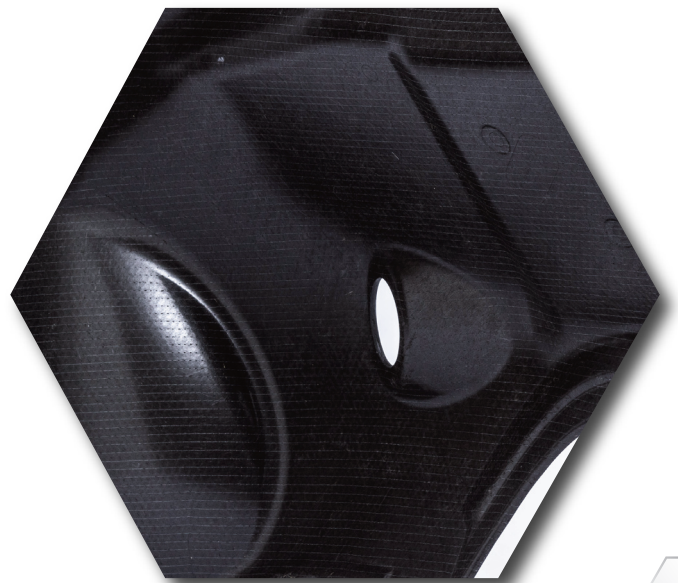
VITROX[®] HC polyurethane resin system is designed to be used with a variety of reinforcement substrates, including cardboard/paper core, thermoplastic core, carbon or glass fiber/mats and natural fibers.

THE SYSTEM OFFERS:

- High stiffness-to-weight ratio in complex geometries
- Low molding pressure
- Improved internal mold release
- Snap cure, tunable open time/pot life
- High resin toughness
- Chemical resistance of parts
- Paintability and bondability

APPLICATIONS INCLUDE:

- Floor pans
- Truck beds
- Roof modules
- Battery enclosures
- Seat pans
- Bonnets/hoods



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