HULK SRT® FIBERGLASS GEO-TEXTILE

PRODUCT DESCRIPTION Hulk SRT® is a structurally reinforcing textile (webbing) made of quartz resin-infused fiberglass. It offers higher tensile strength and volumetric mass compared to steel. When used with Hulk WP®, it forms a seamless protective cast over foundation walls. It remains dimensionally stable even under extreme temperature and humidity fluctuations. Additionally, it is used in rocket engine compartments to prevent the spread of heat, commercial oven lining applications, and as an anti-fracture webbing for tile setting and stucco and mortar applications.

USES

Builder Grade Acrylic Below Grade is suitable for a range of concealed waterproofing applications, including:

- **Rot Proof:** Resistant to acid, solvent, and chemicals; dimensionally stable.
- **Non-Combustible:** Glass threads and quartz withstand up to 600°C; features low thermal conductivity.
- **Pest Deterrent:** Nearly all pests from roaches to mice are deterred when they attempt to chew through this woven fiberglass material.
- **Extreme Strength:** High abrasion and vibration resistance, excellent impact resistance, and flexibility.

PHYSICAL PROPERTIES

PROPERTY	VALUE
Type	E-Glass Fiberglass
Color	White
Architecture	+45° / -45° Double Bias
Thickness	0.046”
Weight	0.182 lbs/ft²
	1.35–1.45 g/cm³

PACKAGING DATA

ATTRIBUTE	VALUE
Roll Width	50”
Roll Length	108 ft
Roll Weight	62 lbs
Coverage	450 sq. ft

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HULK SYSTEMS

FIBER ARCHITECTURE DATA	
ANGLE	**WEIGHT (LBS/FT²)**
0°	N/A
+45°	0.063
90°	N/A
-45°	0.063
Chopped Mat	0.056

LAMINATED PROPERTIES (OPEN MOLD)	
PROPERTY	
Fiber Weight	0.182 lbs/ft2
Resin Weight	0.337 lbs/ft2
Combined Weight	0.519 lbs/ft2
Density	95.818 lbs/ft2 (0.055 lbs/in3)
Fiber Content	35.1% by Weight
Thickness (Cured)	65 dry mils (0.065") after coating has cured
Laminate Moduli (Ex, Ey)	12.87 GPa
Laminate Moduli (Gxy)	2.8 GPa
Stress (Tensile, Long)	210.8 MPa
Stress (Compressive, Long)	293.1 MPa
Stress (Tensile, Transverse)	210.8 MPa
Stress (Compressive, Transverse)	293.1 MPa
Stress (In-Plane Shear)	91.8 MPa

For the latest technical documents and support, visit: www.hulksystem.com