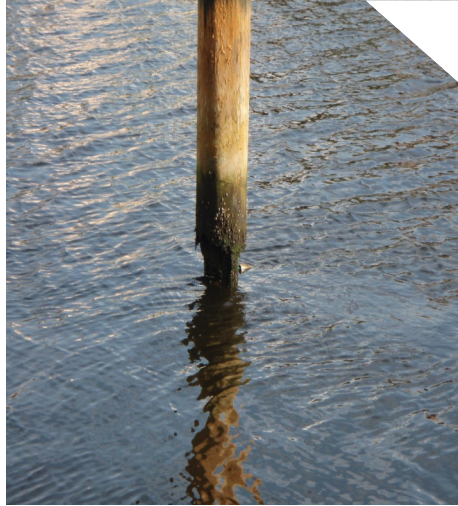


SYNTHO-GLASS® 24



Description

Syntho-Glass® 24 is pre-impregnated water activated infrastructure repair system for wood piers and pilings. The composite system utilizes a high strength bidirectional (0°/90°), woven fiberglass tape in combination with NRI's proprietary moisture cure resin formulation restoring the structural integrity of the piling while sealing out oxygen to prevent underlining marine growth.

Mechanical Properties

Test	Method	Result
Tensile Strength	ASTM D3039	44,830 psi (309 Mpa)
Tensile Modulus	ASTM D3039	2,930 ksi (20 GPa)
Dielectric Strength	ASTM D149	16,060 Volts
Impact Resistance	ASTM G14 / G62	123 ft lb (167 J)
Substrates	Steel, Galvanized, Concrete, FRP, Iron, PVC, Wood	



Typical Applications

- Wood piers and pilings

Benefits

- Mechanical protection
- Impact resistance
- Prevents underlining marine growth
- Easy to apply
- No mixing, no measuring ensuring consistent glass to resin ratio, therefore providing consistent results
- Can be applied in any weather condition, even underwater
- Contains no solvents
- Nontoxic, noncombustible, no VOCs, no HazMats

Physical Properties

VOCs: None

Working Time: 30 Minutes at 75°F (24°C)

Set Time: 2 Hours at 75°F (24°C)

Resin Type:

Water-activated polyurethane

Resin Application: Pre-impregnated

Service Temperature:

-50° to 250°F (-46° to 121°C)

Application Temperature:

32° to 150°F (-18° to 65°C)

Shelf Life: 6 Months with recommended storage conditions

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