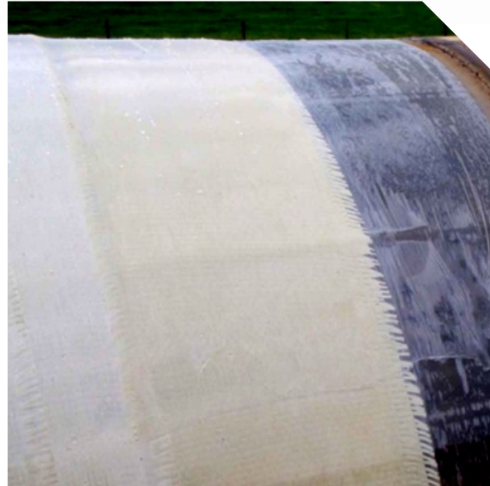


# SYNTHO-GLASS® 24



## Description

Syntho-Glass®24 consists of a thick fiberglass mat which is pre-impregnated with a water activated resin that hardens into a high energy absorbing and impact resistant rock shield. This system, when used with the preapproved corrosion coating of your choice, provides exceptional mechanical and impact protection on steel, galvanized, concrete, FRP, iron, PVC, and wood. Syntho-Glass 24 can be used underwater, underground or above ground pipes and piles.

## Mechanical Properties

Test	Method	Result
Tensile Strength	ASTM D3039	54,370 psi (3,748 bar)
Flexural Strength	ASTM D790	44,845 psi (3,093 bar)
Dielectric Strength	ASTM D149	16,060 Volts
Impact Resistance	ASTM G14 / G62	123 ft. lb. (167 J)



## Typical Applications

- Mechanical protection

## Benefits

- Impact resistance
- Energy absorbing
- Easy to apply
- No mixing, no measuring ensures consistent glass to resin ratio, therefore consistent results
- Can be applied in any weather condition, even underwater
- Our thickest water activated fiberglass provides strong impact resistant shell with only 4 layers
- Contains no solvents

## 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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