

SYNTHO-SUPPORT™

SUPERIOR PROTECTION FOR PIPES AT SUPPORTS



Description

Syntho-Support™ has been specifically designed to be a superior wrapping system for pipe support areas to prevent future corrosion and abrasion due to crevice corrosion, galvanic corrosion, heat affected zone corrosion, and vibration abrasion. This system, when used with a corrosion coating of your choice, provides exceptional mechanical and impact protection on steel (CS & SS), galvanized, concrete, FRP, iron, and PVC. Syntho-Support can be used underwater, underground or above ground. Syntho-Support is used for corrosion/abrasion prevention only.

Mechanical Properties

Test	Method	Result
Impact Resistance	ASTM G14/G62	123 ft. lb. (167 J)
Hardness, Shore D @ 75°F (24°C)	ASTM D2240	76
Inter-laminar Shear Strength	ASTM D2919	2,840 psi (195 bar)
Coefficient of Thermal Expansion	ASTM D648	1.06x10 ⁻⁵ in/in/°F (1.91x10 ⁻⁵ mm/mm/°C)

Syntho-Support System Components

	Syntho-SubSea™LV	Wrapid-Bond™	Petrolatum Tape
Max Service Temp	275°F (135°C)	167°F (75°C)	158°F (70°C)
Description	<ul style="list-style-type: none"> Two part, 100% solid epoxy High bond strength, durable Application under water 	<ul style="list-style-type: none"> Visco-elastic polymer Self-healing Never gets brittle Will stick to any surface 	<ul style="list-style-type: none"> Time-tested, proven corrosion resistance Remains pliable Does not dry out Application under water

For full corrosion protection system qualities, please see the individual datasheets.

Typical Applications

- Corrosion prevention
- Protection at support areas
- Mechanical barrier

Benefits

- Prevents corrosion
- Impact/Abrasion resistance
- 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
- Contains no solvents

Physical Properties

VOCs: None

Working Time:

30 Minutes at 75°F (24°C)

Set Time: 2 Hours

Service Temperature:

-50° to 250°F (-46° to 121°C)

Application Temperature:

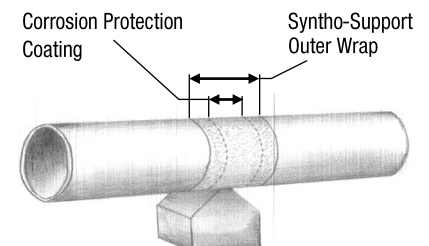
32° to 150°F (-18° to 65°C)

Resin Type:

Water-activated polyurethane

Resin Application: Pre-impregnated

Shelf Life: 24 Months with recommended storage conditions



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