

SYNTHO-SUBSEA™ EPOXY

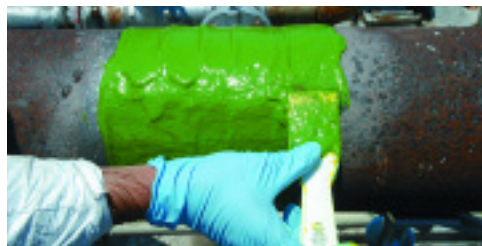
UNDERWATER EPOXY MASTIC SEALANT, FILLING, AND PATCHING SYSTEM



Description

Syntho-SubSea™ Epoxy is a two-component, Kevlar®-reinforced, epoxy mastic coating for sealing and repairing leaks in pipelines. It is also used for corrosion and erosion protection in the splash zone or tidal areas. Ideal for patching, sealing, and coating a wide variety of materials, including steel, concrete, wood, aluminum, and fiberglass, and easy to use as an adhesive or coating on both wet surfaces and underwater. This versatile epoxy system is reinforced with Kevlar to achieve high-performance characteristics such as excellent adhesion, resistance to high pressures, resistance to high and low temperature extremes, as well as outstanding resistance to petroleum products and chemicals. This product can also be used for aboveground and belowground applications. The sister product, Syntho-Subsea™ LV Epoxy, is available if a lower viscosity is required.

Item #	Pre-weighted	Volume
SUB01	1 lb.	1/4 Quart
SUB04	4 lbs.	1 Quart
SUB10	10 lbs.	1 Gallon
SUB50	50 lbs.	5 Gallons



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Typical Applications

- Seal leaks in subsea pipelines, joints, and fittings.
- Fill in anomalies, voids, and surface imperfections on pipelines.
- Protective corrosion coating in splash zone and tidal prone areas.
- Adhesive, protective coating on wet surfaces or underwater.
- Pipeline anomaly reinforcement and remediation.
- Application Method: Putty knife, spatula, or trowel.

Physical Properties

Color: Resin – Blue, Curing Agent – Yellow

Pot Life at 77°F (25°C): 60 Minutes

Spreading Rate/Gallon:

1,604 mil/sq. ft.

53.5 sq. ft./30 mils

Dry Time: 24 Hours

Solids Content: 100%

Cure Time: 24 Hours at 75°F (24°C)

Storage Conditions: Cool, dry place

Shelf Life: 24 Months

Mechanical Properties

Compression Strength: 12,148 psi (837.57 bar)

Tensile Strength: 7,600 psi (524.0 bar)

Flexural Modulus: 13,600 psi (937.68 bar)

Flexible Strength: 13,000 psi (896.31 bar)

Lap Shear: 2,733 psi (188.43 bar)

Minimum/Maximum Usage Temperature:

Dry Application: -50°/200°F (-45°/93°C)

Wet Application: -50°/160°F (-45°/71°C)

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