



PRODUCT TECHNICAL DATA SHEET

BP-1 Primer/Adhesive

Main Description --- The BP-1 Primer/Adhesive system is a polyurethane based system designed for high performance applications. This primer promotes bonding between Aquawrap[®] and the substrate and adds to the corrosion barrier provided by the composite layup. BP-1 contains glass fibers for additional strength. It works well with steel, stainless steel, aluminum, copper, wood, and concrete. It may also be used on some plastics such as PVC, polyethylene, and fiberglass. This system is intended for use on dry substrates and will not work properly in wet surfaces. This system is composed of two components that require mixing prior to use. Color is light yellow.

ATTENTION: All of the following data are based on laboratory conditions, at room temperature. Field conditions can radically change the characteristics of this product. Field testing is strongly recommended prior to application. Temperature can have a severe impact on cure times. Allow adequate time for application.

BP-1 System

Physical Properties			
Working (pot) Life:	45 min. at 25°C (77°F)	Mix Ratio:	Factory Ratioed
Application Temps:	0-99°C (33-211°F)	Service Temps:	-40-121°C (-40 - 250°F)
Cure Time (dry to touch):	60-90 min. at 25°C (77°F)	Full Cure:	2 days at 25°C (77°F)
Usual Packaging:	Factory Ratioed	Shelf Life:	1 year in sealed container
Bond Strength:	Concrete – 225 psi	Metals 1000 psi	Wood – 500 psi Plastic – 350 psi

Surface Preparation
Surface to be coated must be clean and free of oils, grease, and loose contamination. Any filler material used to contour surface anomalies must be sanded and abraded to provide good adhesion.

Application
Individually mix the BP-1 components thoroughly by hand. Normal mixing procedure is to pour the contents of Part B into the Part A container and blend. Pot life from this point is approximately 45 minutes at 77° F. Do not leave mixed contents in a closed container. Apply immediately using a brush or roller. Refer to BP-1 Installation Instructions for details.

Transport
BP-1 Primer/Adhesive is non-regulated by the USDOT, IATA and IMO and may ship non-hazardous.

Storage & Handling – Store at 50-80° F in a dry place. Leftover materials cannot be reused. Dispose of remnants properly. Always use clean, dry tools when mixing or applying the matrix. Mix ratios are generally pre-determined and packaged accordingly. Normal mixing procedure is to pour the contents of the Part B container into the Part A container and mix thoroughly. Use immediately.

CAUTION: Some persons may be irritated by these compounds. Use caution and PPE. See MSDS.
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