

Submarine TDS

DESCRIPTION

Submarine is a general use, epoxy paste compound that bonds to wet surfaces by displacing water from the substrate. Submarine can even be applied to objects that are completely submerged in water. It cures in temperatures as low as 35°F.

Substrates include concrete, stone, masonry, glass, wood, aluminum, stainless steel, high carbon, and mild steel. Submarine can be used as a general-purpose adhesive or patching compound. Reinforcement materials such as fiberglass cloth work well for applications requiring additional strength. Submarine can be easily sanded, filed, and drilled.

Note: Submarine is designed for scenarios where it's not possible to dry the substrate. The bond strength of Submarine is good in less than ideal conditions. The integrity of the bond can degrade due to substrate corrosion or other deterioration from moisture. Because of this, periodic maintenance may be necessary.

For dry substrates use T-88, G-2 or GelMagic structural epoxy adhesives from System Three. Submarine is not intended for bonding to plastics, copper, brass, or galvanized metal.

Individual Component Properties:			
Resin Properties:		Hardener Properties:	
Viscosity @ 77°F (25°C) cps	132,600	Viscosity @ 77°F (25°C) cps	114,500
Density	12.27	Density	12.88
Color	Black	Color	White
VOC Content	0	VOC Content	0

Mixed System Properties:	
Mix Ratio By Volume (Resin:Hardener)	1:1
Mix Ratio By Weight (Resin:Hardener)	100 Parts B to 95 Parts A
Minimum Application Temperature	35°F (1.7°C)
Working Time @ 70°F (21°C)	45 min.
Cure To Handle @70°F (21°C)	5 hours
Full Cure @70°F (21°C)	3 days

For health and safety information concerning this product, please refer to the SDS sheets for Submarine at systemthree.com.