

PHYSICAL PROPERTIES

Coefficient of Expansion (10 ⁶ / per °F)	1.4
Color	Gray & Blue
Container Size	1 kg.
Coverage per kg. (Theoretical) WFT & DFT	18-20 sq. ft. @ 10 mils of thickness
Flash Point	>250° F (121° C)
Pull-Off Adhesion Test ASTM D 4541	Minimum Adhesion is 1900 psi
Recommended Thickness	2 coats @ 10 mils each, for high temperature/severe chemical 3-4 coats @ 10 mils is recommended
Specific Gravity	Resin: 1.72 Hardener: 1.03
Volatile Organic Compounds (VOC)	0 grams / kg.
Weight per kg.	2.2 lbs

CHEMICAL RESISTANCE

Ammonium Hydroxide	Hydrochloric Acid up to 100% (38% Hydrogen Chloride content)	Many Organic Acids
Aromatic & Aliphatic Solvents	Hydrofluoric Acid up to 8%	Phosphates
Black Liquor	Hydrogen Sulfide	Phosphoric Acid up to 100%
Butyl Acetate	Lithium Chloride	Potassium Hydroxide
Butyl carbitol	MEK	Salts
Chlorinated Solvents except Methylene Chloride	MSEA	Sodium Hydrochloride up to 10.5%
Chlorides	Mineral Acids	Sulfides
Chromic Acid up to 30%	Nitric Acid up to 10%	Sulfuric Acid up to 75%
	Sodium Hydroxide	Water- Fresh, waste, non-potable

POT LIFE

Ambient Temperature	Time
40° F (4° C)	1 hour
75° F (24° C)	45 minutes
92°F (33° C)	14 minutes

Do not keep the blended coating in the original container unless immediate use is planned. Otherwise exotherm will considerably shorten pot life.

PUMP SPECIFICATIONS

Pump:		Product hose:	
Ratio	56:1 or greater	Minimum Optional ID	0.75 -0.5 inch
Minimum Output	5600 psi	Maximum Length	60 feet

Second and subsequent coats must be applied before the previous coat has completely cross-linked. Apply additional coats when the previous coat will not string out (pigtail) and hold its shape when touched. If any slight tack remains, allow the product to cure, then brush blast before applying the next coat.

The same requirement applies when overlapping the seams of adjacent coating sections to create a continuous protective film. If the coating surface to be overlapped at the seam cannot be brush blasted, use a non-impact means such as power-brushing or sanding to create a mechanical profile.

CURE TIME

Re-Coat Window	1 to 1 ½ hours
Light Loading	12 hours
Immersion (Aqueous) Service	30 hours
Full or Chemical Service	7 days

MIX RATIO

Mixing Ratio	Base	Activator
Volume	2.2	1
Weight	3	1

For technical support contact your local **eps** representative or call our technical center at 1-888-482-8428.
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