

PLASMET**CORROTHANE AP1****Page 1 of 2**

TYPE:	A 2-pack, solvent borne, isocyanate-free polyurethane/acrylic top coat.
SUGGESTED USE:	As a high performance cosmetic top coat used primarily over the top of other Corrocoat epoxy based coating to give color retention and weathering properties. Designed for use on new construction and maintenance work on marine and offshore structural work and in aggressive atmospheric service environments.
HEALTH & SAFETY:	Before handling this product the material safety data sheet should be read and all precautions observed.
SURFACE PREPARATION:	Corrothane AP1 is designed as a top coat for other Corrocoat products, predominantly Plasmex ZF. Please refer to the relevant application data sheet for the prime/build coat for surface preparation details. The build coat should be free from contamination/grease prior to application of the Corrothane AP1.
APPLICATION EQUIPMENT:	Airless spray, brush or conventional spray. For airless spray recommended tip size 0.32-0.48mm (13-19 thou). Spray pressure 2,200-2,700 psi.
APPLICATION:	Typically as a single coat by brush or spray at 2 mils (50 microns) dft per coat (approximately 3 mils or 80 microns wet film thickness).
MIXING RATIO:	7:1 base to activator by volume.
POT LIFE:	2 Hours at 68°F (20°C) 40 Minutes at 95°F (35°C)

THINNERS:

DO NOT THIN. Use of thinners may adversely affect the performance of this product.

COLOR AVAILABILITY:

Light and mid grey. Other colors available subject to quantity. Price may vary with color.

VOLUME SOLIDS:

65%

THEORETICAL SPREADING RATE:

530 SF/Gall (13m²/liter at 50 microns) dft

SPECIFIC GRAVITY:

29 SF/ Gal (1.54 g/cm³)

DRY/CURE TIME:

68°F (20 °C) hard dry in 5 hours
95 °F (35°C) hard dry in 4 hours

OVERCOATING TIME:

Minimum overcoating times as above hard dry times. Overcoating before these times may result in solvent entrapment. Corrothane AP1 has an indefinite overcoating time with itself, as long as the substrate is decontaminated and abraded on old coatings.

CLEANING SOLVENT:

Corrocoat Epoxy Equipment Cleaner.

Reviewed October 2011-no change
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