

## PRODUCT PROFILE

### DESCRIPTION

**COMBAT “PRIME”** is specially formulated as an all-purpose concrete sealant, corrosion protection and primer all wrapped up in one. COMBAT “PRIME” can be used alone or as a concrete preparation for more exotic higher duty coatings to follow. COMBAT “PRIME” exhibits excellent penetration into existing masonry surfaces providing for a great sealant by itself, but also acts as a medium to adhere other higher service corrosion resistant products to. COMBAT “PRIME” is a 100% solids, low viscosity hybrid polymer that can be applied to existing and green concrete surfaces. Surface preparation is minimal. COMBAT “PRIME” demonstrates a relatively slow cure time making it an ideal choice of products to apply to hot concrete surfaces. COMBAT “PRIME” can be brushed, rolled or sprayed onto concrete surfaces.

- 100% Solids, No VOCs
- Low viscosity, deep penetrating sealant
- Eliminates outgassing caused by traditional primers



**PHYSICAL  
PROPERTIES**

Color .....	Light Amber
Container Size .....	1 or 2 gallons
Coverage per gallon (Theoretical) .....	300-500 sq. ft. depending on porosity of concrete
Elongation @ 3 mils .....	15%
Flash Point .....	> 250°F (121°C)
Pull-Off Adhesion Test ASTM D 4541 .....	Minimum adhesion is 2750 psi
Recommended Thickness .....	3-5 mils (uses 2 coats on concrete with high porosity)
Specific Gravity .....	Resin: 1.08                      Hardener: 0.94
Volatile Organic Compounds (VOC) .....	0 grams/liter
Weight per gallon .....	9.41 lbs

**POT LIFE**

50°F (10°C) not recommended below 55°F .....	28 hours
75°F (24°C) .....	4 hours 10 minutes
92°F (33°C) .....	1 hour 30 minutes

*Note: Do not keep the blended coating in the original container unless immediate use is planned. Otherwise, exotherm—heat created during the curing process—will considerably shorten the pot life. Pour the coating into a rolling tray or large aluminum-basting pan. Try to keep the depth of the coating in the tray below 3/8".*

**PUMP  
SPECIFICATIONS**

Pump Ratio .....	25:1 or greater
Minimum Output .....	2500 psi
Product Hose: Min. - Optimum I.D. ....	0.375-0.5 inch
Max. Length .....	100 feet

**CURE TIME  
(AT 70°F OR 21°C)**

Re-Coat Window .....	5-12 hours
Touch Free .....	12-15 hours*
Full Cure .....	7 days

*\*Fast Cure & Winter Formulas available*