TECHNICAL DATA SHEET

OBIC Prime 1500CP

Concrete Primer

Description

OBIC Prime 1500CP is a two component polyurethane primer which is formulated for deep penetration into concrete surfaces. It is to be top coated with OBIC coatings. It is highlighted by:

- Superior wetting of substrate
- Excellent adhesion to OBIC top coatings
- Low viscosity, penetrating primer

Application Recommendations

OBIC Prime 1500CP adheres extremely well to concrete. It has a 1:1 mix ratio. The material can be either hand mixed or applied through low pressure plural component mix equipment.

OBIC Prime 1500CP may be applied by brush, roller, squeegee or airless sprayer. Coverage rates will vary depending on porosity of the concrete. Apply at 6-8 mils, which will cover approximately 200-260 square feet per gallon.

Packaging, Storage & Shelf Life

OBIC Prime 1500CP is available in 2 gallon and 10 gallon kits. It should be stored in sealed containers between 60ºF and 90ºF. Shelf life is 12 months under normal conditions in factory sealed containers.

Component Properties

Property	Value
Solids, By Volume	100%
Pot Life	45 minutes
Gel Time	45-120 minutes
Recoat Window	Up to 48 hours
Application Rate, WFT	6-8 mils
Application Temp	30-100ºF

Physical Properties

Property	Value
Adhesion to concrete	> 400 psi

*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.

Safety

Read and Review entire SDS prior to use. Basic safety for personal protection: Avoid contact with eyes and skin, long sleeve overalls or disposable overalls, splash shield or safety glasses with splash guard, do not inhale or ingest, wear respirator or fresh air hood, and spraying indoor requires forced ventilation.

For further detail contact an OBIC Technical Representative for application training.

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Surface Preparation

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion. Minimum recommended surface preparation:

Concrete & Masonry: SSPC-SP13/NACE 6 or ICRI No. 310.2R-2013, CSP 3-5. Surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, form release agents, moisture curing membranes, loose cement and hardeners. Fill bug holes, air pockets and other voids with recommended repair material. Controlled high pressure water cleaning is suitable.

Moisture Content: use calcium chloride test: 3 lb./24 hr./1,000 ft^2. Concrete shall be 5% maximum as per ASTM F2170 & ASTM F2420. Substrate and air temperature must be 5ºF above dew point and rising before material application.

Check for soluble salts on surfaces to be coated. If amount of soluble salts exceeds recommended limits, treat accordingly. Repeat process until acceptable limits are reached. Maximum amounts of soluble salts (micrograms per square centimeter): Chlorides - 3 immersion, 7 non-immersion. Nitrates - 5 immersion, 10 non-immersion. Sulfates - 10 immersion, 20 non-immersion.