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VAROCOAT VARO-BP (Primer)

1. OVER VIEW

VARO-BP is a moisture curing polyurethane resin based primer with very good penetration and toleration to expansion and shrinkage of substrate. It provides water proof property, and promotes surface strength of substrate.

a. Recommended Use

As a primer for cement mortar, PALC and general concrete surface..

2. PHYSICAL PROPERTIES

a. Finish and color

Slightly yellowish clear

b. Drying Time

	5℃/41°F	20℃/68°F	30℃/86°F
Set to touch	3hours	1hours	0.5 hours
Dry through	12 hours	5hours	3 hours

c. Solids by volume : Approx. 41%

d. Spreading Rate (Theoretical)

0.25kg/㎡ in 0.1mm dry film thickness on a smooth surface.

e. Specific Gravity(Mixed) : 1.0 ± 0.1(Kg/L).

f. Flash Point(closed cup) : 27℃ / 80.6°F

3. APPLICATION DETAILS

a. Surface Preparation

- Remove any dust, oil, grease and other contaminants from the surface to be coated.
- Do not apply coating unless concrete has cured at least 28 days at 20℃/68°F and below 80% R.H or equivalent.
- The surface moisture must be below 6%.

b. Application Conditions

- The surface must be completely clean and dry.
- Do not apply when the relative humidity is above 85%.
- The surface temperatures must be at least 3℃(5°F) above dew-point to prevent condensation.

c. Pot Life

12 hours (at 20℃/68°F and below 60% R.H) and less at higher temperature
Use only the amount which can be used within pot life

d. Thinning : VARO-BP(Thinner) (Thinning ratio : Max.20% by volume)

e. Method of Application : Brush, Roller or special shower application.

f. Film Thickness

Recommended per coat 100 microns dry

g. Recoating Interval

Minimum : 5 hours, maximum : 1 day (at 20℃/68°F)

h. Subsequent Coating : VARO-90P/R.

i. Shelf Life: 6 months (Store in cool, dry, well-ventilated place.)

j. Packing : 18Kg/Drum

k. Remarks

- It is necessary to wear the protect gloves and glasses when applying this material.
- Avoid contact with skin. In case of contact, wash with neutral detergent and water.
- Use adequate ventilation.
- Respiratory protection is recommended when applying this product in confined spaces or stagnant air.

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