

# CAPURETHANE-VARNISH

## TWO COMPONENT POLYURETHANE VARNISH

### DESCRIPTION

2 component polyurethane clear with excellent gloss retention

### FEATURES

- Excellent finish and clarity
- Provides a beautiful smooth finish
- Tough and elastic
- High Mechanical Resistance.
- Inert and harmless once cured .
- Very good resistance to water, abrasion, common house hold solvents

### RECOMMENDED USES

- As priming and sealing coat.
- As decorative and protective topcoat interior or exterior.
- As a clear finish coat over Polyurethane colored finishes and texture system.

### SUBSTRATES

Concrete, masonry, cement rendering, asbestos, metal and wooden.

Particularly suited as a protective coat over cement textured system

### FILM THICKNESS AND SPREADING RATE

Film thickness, dry ( $\mu\text{m}$ )	20-30
Film Thickness, wet ( $\mu\text{m}$ )	50-70
Theoretical spreading rate( $\text{m}^2/\text{liter}$ )	14 to 20

### TYPICAL PROPERTIES

Finish	: High Gloss
Color	: Clear
Volume solids	: $42 \pm 2$ %
Unit wt kg/liter	: 0.97
Flash point	: $23^{\circ}\text{C}$ .
Mix Ratio by Volume	: 10:1 ( Base: Curing agent)
Dry to touch at $25^{\circ}\text{C}$	: 1-2 hrs
Fully cured at $25^{\circ}\text{C}$	: 7 Days
Recoat Interval at $25^{\circ}\text{C}$	: Min 8 hrs Max – None

### APPLICATION INSTRUCTION

#### Surface Preparation

Surface to be coated / over coated must be dry, free of laitance, dust, oil, fat, mill scales and other contaminants. Non ferrous surface should be degreased and free from contamination. To check adequate quality of surface cleaning a test patch is recommended before actual coating.

#### Application and curing condition

The surface must be completely clean and dry at the time of application, and its temperature must be above the dew point to avoid condensation, High humidity and condensation during application and following 8 hrs may adversely affect the film formation

#### Mixing

Individual component should be separately mixed and then added together according to stated mixing ratio. Avoid partial mixing.

#### Application method /Thinning

The temperature of the substrate should be minimum  $0^{\circ}\text{C}$  and at least above  $3^{\circ}\text{C}$  Apply by brush, roller or convenient spray. Good Ventilation is usually required in confined areas to ensure proper drying. With brush and roller 5-15 % thinning is recommended, under extreme conditions up to 20%. The best results are obtained by applying a mist coat and after 2-15 minutes later apply a full film thickness giving a uniform film formation. Use **Cap Thinner** for dilution and cleaning.

### STORAGE

Store under shade in original tightly closed containers in a dry cool well ventilated Space and away from source of heat and ignition.

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### PACKING

4 and 20 liter kit

### SHELF LIFE

12 months

### SAFETY PRECAUTIONS

Keep container closed when not in use.

Keep out of reach of children

Both components are irritant, prolonged contact with skin or eye may cause sensitization

### TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

**Note :** The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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