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 household 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 (μm) 20-30
Film Thickness, wet (μm) 50-70
Theoretical spreading rate (m²/liter) 14 to 20

TYPICAL PROPERTIES
Finish : High Gloss
Color : Clear
Volume solids : 42 ± 2 %
Unit wt kg/liter : 0.97
Flash point : 23°C
Mix Ratio by Volume : 10:1 (Base: Curing agent)
Dry to touch at 25°C : 1-2 hrs
Fully cured at 25°C : 7 Days
Recoat Interval at 25°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°C and at least above 3°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.
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.

As all Ahlia Technical Data Sheets are updated on a regular basis, it is the user responsibility to collect most recent issue.

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