TECHNICAL DATASHEET

ALKYD UNDERCOAT

Polycolor alkyd undercoat is a high quality, solvent-based alkyd undercoat formulated for use on interior and exterior wood and metal surfaces. This product offers excellent filling and opacity properties, creating a smooth, even surface for topcoats. It is ideal for priming previously painted or properly prepared bare substrates, helping to ensure maximum adhesion and a flawless final finish.

PRODUCT BENEFITS

- **Excellent Filling Properties**: Effectively fills minor surface imperfections, scratches, and uneven textures to provide a smoother substrate for subsequent coats.
- **Superior Adhesion**: Ensures strong intercoat bonding between the substrate (or primer) and the finishing coat, enhancing the durability and performance of the entire paint system.
- **High Opacity and Coverage**: Offers excellent hiding power, helping to mask surface stains and previously painted colors.
- **Smooth Sanding Capability**: Sands easily once dry, making it ideal for producing a fine, level surface prior to applying enamel or decorative topcoats.
- **Durable Alkyd Resin Formula**: Based on modified alkyd resins that provide toughness, flexibility, and resistance to chipping or flaking.
- **Improves Topcoat Appearance**: Enhances the gloss and uniformity of the final enamel or finish coat.

SURFACE PREPARATION

For concrete and plaster, wash surface with water under high pressure. Let it dry then apply 1 full coat of Polycolor alkyd undercoat.

For timber, make sure the surface is clean and dry, then apply one thin coat of Polycolor alkyd undercoat.

If the old coating, and/or the substrate has blisters or other defects, then removal of the old coatings must be done by mechanical means.

METHOD OF APPLICATION

Mixing ratio: 3 parts of base and 1 part of hardener by volume

Method: Brush, roller

Thinning: Epoxy 2K thinner

- Apply 2 coats to 3 coats by brush or solvent resistant roller. Low pressure or airless spray methods can also be used.
- Dilution: base and hardener should be mixed before thinning with epoxy 2K thinner. Dilute 5% to apply to first coat.

- Spreading rate/film thickness: one liter of diluted epoxy enamel can be applied at a spreading rate approximate 6 m2 of surface in 1 coat
- Subsequent coat: Kapci or Polytol acrylic 2K finish to prevent chalking with time and where color retention is important. Alternatively, no subsequent coating is required.

PRODUCT FEATURES

Surface	primed metal, wood and concrete
Available Pack	1L and 5L
Shelf life	12 months from date of manufacture in original tightly closed containers.
Available Color	White and other color
Pot life	3 hours depending on temperature
Finish	Gloss
Drying time	30 Minutes @30 °C

PRECAUTIONS, LIMITATIONS AND ENVIRONMENT FEATURES

- Do not apply in direct sunlight or during rain or expected rain.
- Skin Contact: Wash skin with soap & water. Remove contaminated clothes.
- On eye contact: Immediately splash eyes with plenty of water. Consult Physician if irritation persists.
- Ingestion: It is based on Solvent-Based Coating system, seek medical help.

Left-Over paint disposal:

- Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for disposal of paint/drums.
- The pails should not be used for storing food items.

DISCLAIMER The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.