

PRODUCT DATA SHEET



PDS No:4034

Product Details

Product Code: DG1070
Product Name: Alkyd Gloss Enamel
Other Name(s): Not applicable

Description

Alkyd Gloss Enamel is a premium quality, solvent based enamel with a smooth, hard wearing finish.

Uses- Designed to be used on trims, windows, walls and ceilings in high use/services areas - such as kitchens, bathrooms and laundries.

Features and Benefits

- Excellent adhesion to properly primed and undercoated surfaces
- Excellent coverage/hiding
- Extremely durable finish
- Resistant to most household chemicals
- Suitable for primed wrought iron furniture and rails

Limitations and Precautions

- Solvent odour during application
- Check the weather forecast. Do not apply if rain, heavy dew or a sudden drop in temperature is likely during application or during the first 12 hours after application
- **Do Not** apply if humidity is 85% or above
- **Do Not** apply on wet or damp surfaces
- **Alkyd Gloss Enamel** is a flammable product, keep away from heat and ignition sources, provide adequate ventilation during use
- **Do Not** add more than 5% thinner
- In normal conditions a week's curing is required to develop full hardness and resistant properties

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Physical Properties

Resin Type	Long oil Alkyd Resin
Pigmentation	Titanium Dioxide
Colour	White
Gloss at 60° head	75-85
Specific Gravity(Kg/Ltr)	1.13-1.23
Coverage (m²/Ltr)	12-16
No. of coats	Two
Dry Times(at 20°C and 60%RH)*	4 hrs
*(cooler temperatures, higher film thickness and higher humidity can extend the drying and subsequently the recoat time)	
Recoat time	16 hrs
Flash Point	33°C
Packaging Sizes	10L, 4L, 1L
Thinner and cleanup	Mineral Turpentine (Use upto 5% for thinning only if applying by spray)
Theoretical VOC(g/Ltr)	Not available

Surface Preparation

The substrate must be free from all dirt, dust, grease and other contaminants. If mould or fungus is present, wash with **APCO BIOWash(SDS -9009)**, then rise with clean water. If cleaning with water under high pressure, take care not to damage the substrate. For all pre-primed substrates, fill cracks and imperfections with a suitable filler and spot prime.

All previously painted surfaces may be sanded with 180-grit sandpaper to remove all flaking paint and to reduce previous film to a flat finish.

Undercoat Requirements

New/Unpainted surfaces- Apply the appropriate Primer/Undercoat for the substrate being painted

Timber- Apply a minimum of one coat of **APCO Alkyd Primer Undercoat(SDS 4029)**

Aluminium or Galvanised Steel-Apply minimum of one coat of **APCO Etch Primer(SDS)**

Application and Process

Mix the material in the can thoroughly before and during use. Uniform. Sand lightly after the first coat to a smooth even finish using 220-grit sandpaper. Remove all sanding dust. After a minimum of 16 hours follow with a second coat.

Apply by Brush, Roller or Spray. Please use the method best suited to your requirement and skill.

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For Best Results

- In normal conditions, allow seven days for full curing and chemical resistance to develop
- For very aged or porous surfaces or stubborn stains, apply one coat of **APCO Pigmented Sealer (SDS 4027)** prior to **APCO Alkyd Primer Undercoat (SDS 4029)** then two coats of **Alkyd Gloss Enamel**
- If a dark coloured finish coat is to be applied, then a tinted undercoat is recommended
- Sand between all coats of paint
- When applying over an unknown coating, please test the adhesion and compatibility of this product over a small test area.

Health and Safety

- Please refer to Safety Data Sheet (**4033**) before use
- Use in well ventilated areas
- **First Aid:**
 - Eyes and Skin irritation – Wash with large amounts of fresh running water
 - If swallowed – drink 2-3 glasses of water and seek appropriate medical advice.
 - Inhalation-In case of exposure to high vapour concentration leading to dizziness,nausea,headache ,move the person to fresh air environment and consult a doctor

Storage

Store in cool, well ventilated areas away from direct sunlight.Keep containers tightly sealed.

Spillage and Disposal

Use rags or sawdust to contain any spill and then dispose of through a commercial waste disposal organisation.

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Please refer to the updated versions of Safety data sheet(SDS) and Technical Data sheet (TDS) before using any APCO Product.

KEEP OUT OF REACH OF CHILDREN

APCO Coatings (NZ) Limited

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