



PROTECTIVE
POLYMERS

PROTECT ALYKD GLOSS FINISH

Product Description

Fast Air-Drying Alkyd System with excellent protection and mechanical properties. Topcoats exhibit High Hardness, Non-Yellowing and are resistant to a wide variety of general industrial fluids including Oils and Lubricants. Suitable for Brush or Spray Application. Ideal for Agricultural Equipment; Machinery; Racking Systems; Skips; General Metal Finishing; and Exterior and Interior Wood Finishing

Product Features

Single component coating designed for Brush and Roller application. Supplied ready for use may be thinned with Xylene if required

Resists:

- Engine Oil
- Diesel Fuel
- Petrol
- Anti-Freeze

Technical Data

| | | | |
|---|--------------------------|-------------------------------------|---------------------------|
| Volume Solids 53 % | Finish Gloss | Hard Dry for Packing: Overnight | Number of Coats 1 or 2 |
| Colour Full Ral Range | Touch-dry 1-2 Hours | Packaging 5 & 20 Ltr steel pails | VOC 550 g/lt |
| SG Approx. 1.2-1.4 kg/l colour specific | Handleable: 3-6 hours | Viscosity 80 – 100P @ 20oC | |

Recommended Dry Film Thickness

| | DFT per coat | WFT per coat | Theoretical Spreading rate m2/L |
|--------------------|--------------|---------------|---------------------------------|
| Range | 40 µm -60 µm | 75 µm - 113µm | 13.25 - 8.8 |
| Recommended | 50 µm | 94 µm | 10.6 |

Drying times

| Substrate Temperature | Touch Dry | | Dry to recoat Minimum | Dry to recoat Maximum | Full Cure |
|-----------------------|------------|--|-----------------------|-----------------------|-----------|
| 10°c | 4-6 Hours | | 6-7 Hours | Indefinite* | 7 Days |
| 20°C | 1-2 Hours | | 2-3Hours | Indefinite * | 5 Days |
| 30°c | 1-1.5 Hour | | 1 Hour | Indefinite * | 3 Days |

*if sound and clean



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Surface Preparation

All areas should be clean, dry and free from dirt, dust and grease and any loose friable material removed. Bare metal must be primed with Protect Alkyd Zinc Phosphate Primer

Application

Protect Alkyd Gloss should be applied to clean and sound primed surfaces.

Do not apply coats heavier than stated as this will lead to defects. The temperature of the paint should be at least 15°C.

Application Conditions

The surface temperature must be a minimum of 3°C above the dew point. Do not apply to substrates at temperatures below 5°C.

Application Equipment



Brush and roller

Thin up to 5% maximum if required.
Only use Protect Standard Thinners
Other thinners may not be suitable

Clean-up

Clean up immediately after use with Protect Standard Thinners discard clean-up material according to local environmental regulations.

Precautions

This product is for use only by professional Applicators in accordance with information in this Technical Data Sheet and the Safety Data Sheet (SDS). Refer to this product's SDS before using this material.

Material Storage

Store all coating materials in a dry place as close to room temperature as possible. Ideal storage temperature should be between 10°C to 27°C. Keep cans sealed and out of direct sun light when not use. Warm up cold material to room temperature before using.

This information is given in good faith for the guidance of users but without warranty or liability. Any queries should be referred to our Technical Department. The above information, based on laboratory tests and practical experience has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001. As a manufacturer, we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes. This product is for professional use only.

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