

## SYNTHETIC ALKYD TOPCOAT ENAMEL (STANDARD) Product No. PS3001

**Ritver Synthetic Alkyd Topcoat Enamel (Standard)** is based on a drying oil Alkyd resin, containing Titanium dioxide and other carefully chosen pigments. It is a product used as general purpose Topcoat enamel which is very versatile and can withstand wide range of temperatures. It has good adhesion and exhibits good gloss after drying.

### USE

**Substrates:** plaster, masonry, brickwork, blocks work, wood work and metals.

**Area of Use:** Interiors and Exteriors.

### SPECIFICATIONS

#### Properties

<b>Finish</b>	: Glossy and smooth.
<b>Colour</b>	: White + all colors as per the Ritver shade card.
<b>Specific gravity</b>	: 1.06 +/- .005
<b>Mixed Solids (% by volume)</b>	: 50 ± 2
<b>Diluent</b>	: White spirit
<b>Flash point</b>	: 38° c

#### Spread Rate:

While the spread rate is directly dependant on the surface profile and also the type of undulations it has, as a thumb rule **Ritver Synthetic Alkyd Topcoat Enamel (Standard)** would cover 10 – 12 meters per lit.

<b>Drying Time (30° C)</b>	: Set to touch: 3 – 4 hours.
	: Ready for Recoat: app 16 hours.

<b>Recommended DFT</b>	: <b>1 mist coat followed by a good full coat</b> App 40 - 50 mic.
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### SURFACE PREPARATION

A good surface preparation and following the method statement / recommended system procedure of Ritver is an ideal recommendation for the application of **Ritver Synthetic Alkyd Topcoat Enamel (Standard)**.

#### For Plaster, Masonry & Concrete:

Achieve a good and clean surface by removing all contaminants by cleaning & drying. A laitance free surface should be achieved by good sweep blast or a wire brush. Apply one coat of **Ritver Synthetic Red oxide / Ritver Synthetic Primer for wood**, followed by **Ritver Synthetic Undercoat** and proceed for **Ritver Synthetic Alkyd Topcoat Enamel (Standard)** after drying. Apply one good coat or two nominal coats with a spray or a suitable roller and obtain the desired coverage.

**For wood:** Achieve a good and clean surface by removing all contaminants by cleaning & drying. Wood may be treated with Ritver wood preservative before application.

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Apply one coat of **Ritver Synthetic Red oxide** / or **Ritver Synthetic Primer** for wood, followed by **Ritver Synthetic Undercoat** and proceed after drying.  
Apply one good coat or two nominal coats with a spray or a suitable roller and obtain the desired coverage.

Exclusions for successful application include perpetually wet surfaces and also large cavities on wood, metal or concrete surfaces.

### APPLICATION METHODS

Adequate ventilation is an ideal situation as it helps in drying and the good application itself. Avoid high humid conditions i.e., >95% when condensation is likely to interfere and also when the surface temperature is at least 3°C above dew point.

**Application:** To be done by conventional roller or spray at 2000 – 2500 psi for airless spray or 50 – 60 psi for conventional spray. Nozzle size: 0.015 - 0.018 inches.

One can add 5 - 10% of **Ritver General Purpose Thinner** for ease of application of brush/roller/or spray viscosity.

**Caution:** Over diluting would result in sag and run downs.

### TYPICAL PAINT SYSTEM

<b>Ritver Synthetic Enamel (Standard) Glossy</b>  <ul style="list-style-type: none"> <li>• Or as per Ritver technical advice</li> </ul>	<b>Ritver Synthetic Red Oxide Primer</b> Ritver Synthetic Undercoat Ritver Synthetic Enamel (Standard) Glossy	1 coat 1 coat 2 coats
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### STORAGE & SHELF LIFE

Under dry and cool condition, Storage stability can be sound up to 18 months in original sealed containers.

#### HANDLING

**Disposal:** As per the guidance and legislations of the local Authority e.g., by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

**Flash Point:** Contains mineral spirit and 38°C.

**Caution:** It is strongly advised not to keep open half used drums as it forms a skin on the top layer

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### SAFETY PRECAUTION

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. Other industrial practices are applicable. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.

MSDS is available on request for the safe handling of this product.

### FIRST AID

**Eyes:** In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

**Skin:** Wash skin thoroughly with soap and water or approved Industrial cleaner. DO NOT USE solvent or thinners.

**Inhalation:** Remove to fresh air, loosen collar and keep patient rested.

**Ingestion:** In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention.