

SYNTHETIC UNDERCOAT Product No. PS2501

Ritver Synthetic Undercoat is based on Alkyd resin containing Titanium dioxide and other carefully chosen pigments. It is used as an intermediate coat for many applications and is quite versatile. It forms a firm base with good adhesion for **Ritver Topcoat Enamels**.

USE

Substrates: Plaster, masonry, brickwork, block work, wood work, and metals
Area of Use: Interiors and Exteriors.

SPECIFICATIONS

Properties

Finish	: Low sheen and smooth finish
Colour	: White & Gray
Specific gravity	: 1.50 ± 0.02
Solids (% by volume)	: 50 ± 2
Diluent	: White spirit
Flash point	: 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 Undercoat** would cover 9 – 10 sq. meters per lit.

Drying Time (30° C)	: Set to touch: 2-3 hrs. Ready for recoat: App. 16hrs.
Recommended DFT	: 1 mist coat followed by a good full coat. App. 35-40 mic.

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 Undercoat**.

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 Primer** and proceed after drying and apply one coat of **Ritver Synthetic Undercoat**. 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. It is necessary to apply **Ritver Synthetic Wood Primer** to prepare the surface.

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 or concrete surfaces.

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate and application, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact RITVER Technical Service Department.

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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

<p>Ritver Synthetic Undercoat</p> <p>Or as per Ritver technical advice</p>	<p>Ritver Primer Sealer Ritver Stucco Putty Ritver Synthetic Undercoat Ritver Synthetic Enamel</p>	<p>1 coat 2 coats 1 coat 2 coats</p>
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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: 38°C and contains mineral spirit.

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

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.

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