

THERMOPLASTIC MATT WHITE

Product No. **PS3121**

Ritver Thermoplastic Matt White is a high performance thermoplastic, water repellent coating based on solvent based acrylic polymer. It is a pigmented composition and is specially formulated product and is resistant to carbon-dioxide diffusion and to chloride and sulphate intrusion, and is thus an ideal ANTI-CARBONATION coating. This is particularly suitable as a finish coat in many of the common construction aspects where life expectancy can be increased.

USE

Substrates: Concrete, plaster, masonry, gypsum, timber and metals.
Area of Use: Interiors & Exteriors.

SPECIFICATIONS

Properties

Finish	: Matt and Smooth (Semi Glossy / Glossy) available on request
Colour	: White or any color as per the Ritver shade card
Specific gravity	: 1.22 ± 0.02
Mixed Solids (% by volume)	: 46 ± 2
Diluent	: Ritver Acrylic Thinner
Flash point	: 25°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 Thermoplastic Matt White would cover 10 – 12 sq. meters per lit. but also depend on the color.	
Drying Time (30° C)	: Set to touch: < 2 hours. : Ready for Recoat: app 6 to 8 hours.
Recommended DFT	: 1 mist coat followed by a good full coat. App 30 - 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 Thermoplastic Matt White**.

For Concrete, Plaster, Masonry, Brickwork, Blockwork:

Ensure surface is clean, dry and free from all contaminants. Surface must be sound and free from laitance. Remove laitance by wire brush or sweep blast. Apply one coat of **Ritver All Weather Tex Primer**. Allow drying, followed by **Ritver Textile Acrylic Spray Compound** or allow to dry and apply one to two coats of **Ritver Thermoplastic Matt White**. This is an ideal recommendation for the **Ritver Textile system**.

For metals: A good coat of **Ritver Thermoplastic Matt White** can be applied as a topcoat for metals for protection.

For Pre-painted Surfaces:

If the surface is previously painted and is dusting, chalking or friable, ensure that all friable and loose material are removed by a stiff bristled brush and scraping. Thoroughly dust down the entire surface. Treat fungal growth, if any, with **Ritver Fungicidal solution** and allow drying. Apply one coat of **Ritver Penetrating Sealer** and allow drying, and then apply one to two coats of **Ritver Thermoplastic Matt White**.

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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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 Acrylic 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 Thermoplastic Matt White</p> <ul style="list-style-type: none"> • Or as per Ritver technical advice 	<p>Ritver Thermoplastic Penetrating Sealer Ritver Thermoplastic Matt White</p>	<p>1 coat of 0.8 to 1 mil 1 – 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: 25°C and contains Organic Solvent.

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.