

DIAMOND EMULSION Product No. PW3101

Ritver Diamond Emulsion is a high quality acrylic co-polymer latex paint pigmented with titanium dioxide and other light fast alkali resistant pigments. It has a very good wash ability scrub resistance and good colour retention property with a smooth and pleasing effect. It has excellent brush ability with good resistance to algae and fungal attacks

USE

Substrates : Concrete, cement plaster, masonry, gypsum, block work etc.
Area of Use: Interiors & Exterior application.

SPECIFICATIONS

Properties

Finish	: Smooth & Matt
Colour	: White + all shades as per Ritver shade card and custom made.
Specific gravity	: 1.42 ± .02
Solids (% by volume)	: 30 ± 1%
Diluent	: Sweet Water
Flash point	: Not Applicable
Spread Rate:	
While the spread rate is directly dependant on the surface profile and also the type of undulations it has, over spray and also the equipment the painter Ritver Diamond Emulsion it would cover app 8 – 9 m ² / liter at 30 – 40 microns per coat.	
Drying Time (30° C)	: Set to touch: 1 – 2 hours. : Ready for Recoat: app 2 - 3 hours.
Recommended DFT	: 2 coats. App 30 – 40 mic per coat.

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 Diamond Emulsion**.

For Plaster, Masonry & Concrete:

Achieve a good and clean surface by removing all contaminants and loose particles by cleaning & drying. A laitance free surface should be achieved by good sweep blast or a wire brush. Water washing under pressure is recommended. Apply the **Ritver Acrylic Alkali resistant primer or Ritver All weather Tex primer** and allow drying as per the data sheet and subject to one more coat for even coverage. **For Exterior:** Apply Ritver filler compound (fine or coarse) evenly and allow drying and following it up with **Ritver Diamond Emulsion** for one or two coats. **For Interior:** After applying the Ritver AR primer, apply a uniform layer of Ritver Stucco putty and then follow it up with **Ritver Diamond Emulsion** for two coats.

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 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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For Old and Painted surfaces:

In case of surfaces which are painted / or aged and if there is visible dusting, chalking or even friable, ensure that all the loose material is removed by scrapping or metal brush. Apply a good coat **Ritver Fungicidal wash compound** and allow drying. Follow this by a regular coat or two of Ritver **Alkali Resistant primer** and continue as in the above case with the full system.

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.

1. **Dilution:** One can add 5 to 10% of sweet water for ease of application depending on the suitability of application.
2. **Brush:** It is in ideal recommendation especially to avoid runs and sags due to excess.
3. **Roller:** Apply an even coat spreading uniformly taking care to avoid runs.
4. **Airless spray:** Use tip size around 0018" to 0020" and pressure around 150. – 175 Kg/cm².

TYPICAL PAINT SYSTEM

<p>Ritver Diamond Emulsion</p> <p>Recommended system to be applied as per surface preparation.</p> <ul style="list-style-type: none"> • Or as per Ritver technical advice 	<p>Ritver Alkali Resistant Primer Ritver Stucco Putty Ritver Diamond Emulsion</p>	<p>1 coat 2 coats 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: Not applicable

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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.
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