

## FLEXIBLE EMULSION Product No. PW3501

**Ritver Flexible Emulsion** is a premium grade high performance acrylic topcoat formulated from special latex with inert pigments. The product has good alkali resistance properties and it is extremely low toxicity and odor. **Ritver Flexible Emulsion** has very good weather resistance, durability and can be an ideal choice for both protective and decorative finish. It has very low dirt pick up and flexibility extends through a wide range of temperature. The most outstanding feature of Emver Flexible Emulsion Topcoat is that its elastic and resilience property, which is extremely beneficial for crack bridging coatings.

### USE

**Substrates:** Concrete, plaster, masonry, brick work.  
**Area of Use:** Interiors / Exterior.

### SPECIFICATIONS

#### Properties

<b>Finish</b>	: Smooth & textures
<b>Colour</b>	: White and pastel colours
<b>Specific gravity</b>	: 1.17 ± .02
<b>Solids (% by volume)</b>	: 59 ± 1%
<b>Diluent</b>	: Sweet Water
<b>Flash point</b>	: Not Applicable
<b>Spread Rate:</b>	
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 <b>Ritver Flexible Emulsion</b> would cover app 2.5 – 3.0 m <sup>2</sup> /liter. ( App 250 mic per coat).	
<b>Drying Time (30° C)</b>	: Set to touch: 2 hours. : Ready for Recoat: app 10 – 12 hours. <b>Recommended DFT: 1 to 2 coats.</b> App 250 mic per coat.

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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### 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 Flexible 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. If fungus is present then a good coat of **Ritver Fungicidal wash** compound is to be applied and rinsed properly after thorough drying. In case of interiors it is advisable to clean with a damp cloth. Apply **Ritver All Acrylic Primer**, allow drying and then follow it with one or two coats of **Ritver Flexible emulsion**.

#### 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. If the situation is critical it is recommended to do torching of the same and apply a good coat of **Ritver Fungicidal wash compound** and allow drying. Follow this by a regular coat or two of **Ritver All Acrylic 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.

One can add 5 to 10% of sweet water for ease of application depending on the suitability of application.

1. **Roller:** Apply using either a conventional roller in case the required thickness is not much or with a texture roller for repeated application to get a uniform spreading taking care to avoid runs.
2. **Brush:** It is recommendation for touch up jobs only.

### TYPICAL PAINT SYSTEM

<p><b>Ritver Flexible Emulsion</b></p> <p>Recommended system to be applied as per surface preparation.</p> <ul style="list-style-type: none"> <li>• Or as per Ritver technical advice</li> </ul>	<p>Ritver All Acrylic Primer (Fillers as needed with or without) <b>Ritver Flexible Emulsion</b></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

### 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.

Refer to MSDS for safe handling & application 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.