

## EMEDIUM Product No. PW2601

**Emedium** is tough coating based on suitable acrylate copolymer latex, pigmented with titanium dioxide and other alkali resistant pigments with good light fastness and also good water resistance. It forms a good aggregate with a selected range of mineral quartz and other texture inducing combinations of rock. Its formulation incorporates fungicides and algaecides, and it exhibits outstanding weather resistance.

### USE

**Substrates:** Concrete, plaster, masonry, gypsum, block work and timber.  
**Area of Use:** Interiors & Exterior with a textured finish.

### SPECIFICATIONS

#### Properties

|                             |  |
|-----------------------------|--|
| <b>Finish</b>               | : Medium Texture and Matt.   |
| <b>Colour</b>               | : White + limited colours made in accordance to our texture shade card |
| <b>Specific gravity</b>     | : 1.73 ± .02   |
| <b>Solids (% by volume)</b> | : 56 ± 1%  |
| <b>Diluent</b>              | : Sweet Water  |
| <b>Flash point</b>          | : Not Applicable   |

#### 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 **Emedium texture** would cover 3 to 4 sq. meters per liter.

|                            |  |
|----------------------------|--|
| <b>Drying Time (30° C)</b> | : Set to touch: 2 – 3 hours.<br>: Ready for Recoat: app 6-8 hours.                 |
| <b>Recommended DFT</b>     | : <b>1 to 2 coats.</b> App 100 – 150 mic per coat.<br>(largely depends on surface) |

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 Emver is an ideal recommendation for the application of **Emedium**.

#### 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.

Before applying the **Emedium** apply one coat of **Ritver Alkali Resistant Primer or Ritver All Weather Tex Primer** and allow drying. Apply one good coat or two nominal coats with a medium roller and spread the same evenly to the desired texture.

#### 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 alkali resistant primer** and continue as in the above case with the full system.

#### For Wood & Timber:

Achieve a good and clean surface by removing all contaminants by cleaning & drying treatment with **Ritver Wood Preservative** is advisable. Start of with a good coat of **Ritver Wood Primer** and allow to dry well. Follow this by a regular coat or two of **Ritver Alkali Resistant Primer** and continue as in the above case with the full system. Exclusions for successful application include perpetually wet surfaces and also large cavities on wooden surfaces.

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

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

Application is done with appropriate roller to give the desired texture.

**Caution:** a. over diluting would result in a flat and wrong texture.

b. In case of hot climatic conditions were the substrate could be very hot it is necessary that adequate cooling is done after the primer is applied and before the application of the texture with good amounts of cold water.

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### TYPICAL PAINT SYSTEM

|   |   |                           |
|---|---|---------------------------|
| <p><b>Ritver Medium Texture</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 Weather Tex Primer<br/><b>Ritver Medium Texture</b></p> | <p>1 coat<br/>2 coats</p> |
|---|---|---------------------------|

### 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. 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.