

## Anti-bacterial Matt Emulsion

Product No. **PW3205-AB**

**Ritver Anti-bacterial Matt Emulsion** is a durable water-based coating formulated to provide an antiseptic and bactericidal surface finishes. The material incorporates nano silver which is proven to effectively kill almost all diseases causing microorganisms, even MRSA.

**Ritver Anti-bacterial Matt Emulsion** provides a permanent sterile surface as long as the paint surface is intact. It is particularly recommended for use in Healthcare facilities such as hospitals, clinics and other medical facilities, food processing plants, restaurants or any other internal facilities requiring a bactericidal surface.

### USE

**Substrates:** Concrete, plaster, gypsum board, wood.

**Area of Use:** Interior.

### SPECIFICATIONS

#### Properties

<b>Finish</b>	: Matt Finish
<b>Colour</b>	: White, and colors
<b>Specific gravity</b>	: 1.38 +/- .05
<b>Solids (% by volume)</b>	: 42% +/- 1%
<b>Diluent</b>	: Sweet water
<b>Spread Rate</b>	: 9-10 sqm at 30 to 40 micron DFT
<b>Drying Time (30° C)</b>	: 1-2 hours depending on air movement minutes
<b>Recommended DFT</b>	: 2 coat of 30 to 40 microns

### SURFACE PREPARATION

All surfaces must be sound, clean, dry and free from loose and flaking materials, dirt, efflorescence, oil grease and other surface contaminants.

Apply Ritver Alkali resistant primer and apply stucco putty to even out the surface and fill small cracks. Remove all sanding powders by blowing air or vacuuming the surface.

### APPLICATION METHODS

The product can be applied by roller, spray, airless spray or by brush. Thin the material up to maximum of 20 percent if the application method demands. Do not over thin the product! Always ensure adequate ventilation during paint application for reason of health and safety and also for proper drying of the paint.

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 **1** 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.

Date Revised: 01<sup>st</sup> Jan 2012

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### TYPICAL PAINT SYSTEM

Anti-bacterial Matt Emulsion	Alkali Resistance Primer or PVA Primer Stucco Putty Anti-bacterial Matt Emulsion	2 coats of 30 microns As required 2 coats of 30-40 microns
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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 vapor 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.