

ANTI-BACTERIAL BLAZE BAR MATT EMULSION

Product No. **PW3304-AB**

Ritver Anti-Bacterial Blazebar Matt Emulsion is a water based emulsion paint formulated with advanced raw materials that provide a non-flaming paint surface when exposed to extreme heat. Unlike ordinary acrylic based systems, this product does not aid in the propagation of fire by extinguishing itself when exposed to flame. It is an effective fire retardant wall paint. It is also formulated to provide an antiseptic, bactericidal surface finish. The material incorporates nano silver which is proven to effectively kill almost all disease causing microorganisms, even MRSA. It provides a permanent sterile surface as long as the paint surface is intact. The product can be used as a primer when diluted to penetrate the substrate, and then as a luxury matt finish topcoat in interior and exterior applications 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, Metal, Wood

Area of Use: Exterior & Interior

SPECIFICATION

Properties

Finish	: Matt and Satin
Colour	: White and Pastels
Specific gravity	: 1.44 ± 0.05
Solids (% by vol.)	: 34 ± 2%
Diluent	: Water
Flash point	: N/A
Spread Rate	: 8.5 sq.m./liter
Recommended DFT	: 40 microns/coat
Drying Time, 30° C @ 50%RH	
Touch Dry	: 1 hours
Dry to Recoat	: 2 hours
Hard Dry	: 6 hours

SURFACE PREPARATION

Concrete

Always ensure that the surface to be painted must be free of dirt oil and grease. New concrete should be cured for at least 28 days before application. Old painted surfaces should be removed of old paints and primed with **Anti-Bacterial Blazebar Matt Emulsion**. Ensure that all old paints are removed.

Metal

Bare metal should be cleaned according to SSPC SP2 (Handtool Cleaning) or SSPC SP3 (Power Tool Cleaning) and primed with a suitable primer. Ensure primer is fully cured before application of **Blazebar Matt Emulsion**.

Wood

If applying over coated wood, ensure that the coating is compatible with **Anti-Bacterial Blazebar Matt Emulsion**.

NOTE: For any Flame Retardant system to be successful, it is imperative that all previous coatings are stable and firmly adhering to the substrate.

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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APPLICATION METHODS

The recommended method of application is by Airless Spray or HVLP sprayer. Roller and Brush can also be used in small areas.

Application:

Mix the product properly before application. Thin down with 30% water and apply as the primer. Apply to a total dry film thickness of 80microns.

Airless Spray

Depending on the area to be covered, select the most suitable fan type, normally 4 to 8 inches and a nozzle orifice of 0.021 to 0.027 of an inch. Do not apply more than 100 microns wet at a time or the product will sag and crack. Wait until the first coat is dried before commencing with the next coat. Build the dry film thickness to 80 microns minimum by applying multiple coats.

Roller/Brush

Apply the product using a fine haired paint roller or brush, the one usually used for Emulsion Paints. Apply multiple coats to build the recommended DFT.

TYPICAL PAINT SYSTEM

<p>Ritver Anti-Bacterial Blazebar Matt Emulsion</p> <p>Recommended system to be applied as per surface preparation.</p> <p>Or as per Ritver technical advice</p>	<p>All weather Primer Stucco Putty Ritver Anti-Bacterial Blazebar Matt Emulsion</p>	<p>1 Coat 30 micron 2 Coats 100 micron 2 Coats 40 microns</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. 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.

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