

Anti-Microbial Walls & Ceilings

Water based, self-cross linking pure acrylic anti-bacterial coating

A one component, exceptionally durable self-cross linking pure acrylic water-based enamel coating containing silver chloride technology to provide a highly resistant anti-bacterial finish.

Intended Uses:

Anti-Microbial Walls & Ceilings is specifically designed to protect wall & ceiling surfaces from the development of bacteria, yeast & fungi. This product is suitable for use in areas with constant water, humidity & steam such as bathrooms, kitchens, hospitals & food processing facilities and will provide an exceptionally durable finish with good washability and scrub resistance.

Properties:

- Anti-bacterial properties. Surfaces are resistant to the development of bacteria, yeast, mould, and fungi.
- Good washability & scrub resistance.
- Excellent water resistance.
- Stain resistant.
- UV & alkali resistant.
- High quality self-cross linking pure acrylic enamel.
- Excellent adhesion.
- Smooth silk matt finish.
- Long lasting colour.

Antibacterial Resistance Chart:

Test Organisms		
Bacteria	Moulds	Yeasts
Pseudomonas aeruginosa	Aspergillus niger	Candida albicans
Escherichia coli		
Staphylococcus aureus		

Technical Data:

Composition	Self-cross linking pure acrylic
Colour	Any
Pack Size	5 & 20 Litre
Appearance	Silk matt
Density (Kg/ Lt)	1.20
Mass Solids	50%
Volume Solids	42%
Viscosity KU	Approx. 90 – 100 KU
Recommended DFT per coat	Min 25µm – Max 35µm
Recommended WFT per coat	Min 65µm – Max 90µm
Spreading Rate	10.8 m ² / Litre at 35µm DFT
Storage	Store out of direct sunlight in dry conditions between 15°C and 25°C
Shelf Life	12 months when stored as recommended in original un-opened containers
Clean Up	With water
Drying time	Touch dry 30 minutes @ 25°C
Overcoating Time	1 hour @ 25°C (Drying times extended in cold, wet, or humid conditions)

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Application Environment	Surface - Minimum 10°C – Maximum 50°C Ambient – Minimum 10°C – Maximum 35°C Dew Point >3°C Relative Humidity Minimum 10% - Maximum 85%
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Surface Preparation

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats, and other contaminants.
- Surface must be free of any fungal growth or algae, clean with Fungicidal Wash
- Laitance and loose particles must be removed thoroughly i.e. grinding /high pressure cleaning

Substrate	Primer	Instruction
Cement Plaster, Concrete, Porous Brickwork	SIMPLY® Plaster Primer SB or SIMPLY® Bonding Liquid SB	Ensure concrete has dried for 4 weeks and cement plaster for 2 weeks.
Gypsum Plaster (Rhinolite)	SIMPLY® Plaster Primer SB or Deep Penetrating Primer WB	
Fibre cement board	SIMPLY® Plaster Primer SB or Deep Penetrating Primer WB	
Mild Steel	SIMPLY® Metal Primer or SpecNox Anti-Corrosive WB	Clean with Hydrosolve Degreaser and rinse thoroughly with water
Galvanized Iron	SIMPLY® Metal Primer or SpecNox Anti-Corrosive WB	Clean with Galvanized Iron clear and rinse thoroughly with water
Previously Painted in Good Condition	SIMPLY® Universal Undercoat on glossy enamel surfaces. No primers on acrylic painted surfaces	Clean with weak solution of Hydrosolve Degreaser and rinse thoroughly with water
Previously Painted in Poor Condition	If still chalky after preparation prime with SIMPLY® Plaster Primer SB	Remove any poorly adherent paint by most appropriate means necessary. Clean with a weak solution of Hydrosolve Degreaser and rinse thoroughly with water

Mixing:

Stir thoroughly with a flat paddle.

Application:

Apply by brush, roller, or airless spray. Do not dilute.

Caution:

- Always consider a test patch to check suitability & adhesion.
- Always consult with technical department if unsure.
- Refer to product MSDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.

Systems:

Consult with Specialized Coating System for application specific recommendations.

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Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product