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DESCRIPTION

premium quality anti bacterial and anti fungal decorative finish paint, based on an environmentally friendly medium incorporating proven silver ion technology and providing lifelong surface protection from harmful microorganisms.

PRINCIPAL CHARACTERISTICS

- ideal for hospitals, local authority buildings, hotels, restaurants, schools, residential villas and homes.
- tested to JIS Z 2801: Antimicrobial Products
- eliminates harmful microorganisms
- effective for the full film life
- high scrub resistance
- excellent adhesive properties
- no objectionable odour
- effective against a wide range of harmful bacteria: MRSA, E Coli, Staphylococcus Aureus, Klebsiella Pneumoniae, Pseudomonas Aeruginosa.
- Independently certified by Industrial Microbiological Services Ltd, United Kingdom
- conforms to Environmental Specifications

COLOUR AND GLOSS

Sigma Standard Colour Selection - Silk

BASIC DATA AT 20 °C

Mass density	approx. 1.3 g/cm ³
Solids content	approx. 35% ± 2% by volume
Recommended dry film	approx 30µm
Theoretical spreading rate	approx. 11.6 m ² /ltr @ 30µm depending on the condition and nature of the substrate and application method
Touch dry after	approx. 1 hour
Overcoating interval	min. 4 hours max. no limitation
Shelf life	12 months
Flashpoint	above 65 °C
Available pack size	1 usg, 15 ltr
Storage conditions	below 35°C (preferably in an air conditioned environment)

RECOMMENDED SUBSTRATE CONDITIONS

- new primed substrates**
- dry and clean primed concrete, cement, plaster, gypsum board.
 - all dirt, grease and other contamination must be removed

Please turn

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RECOMMENDED SUBSTRATE CONDITIONS

previously painted substrates

- free from defective or poorly adhering paint films
- wash intact or remaining paint films with a 3% ammonia solution
- glossy paint layers must be abraded flat
- not recommended over existing solvent borne paint types.
- for further advice on compatibility, contact Sigma Paints DTS

SYSTEM SPECIFICATION

Recommended filler

- 0803 Sigma PVA Wallfiller *

Recommended primers

- 0852 Sigma Acrylic Primer Sealer *
- 0804 Sigmaxfix Primer

*alternate primer 0805, alternate filler 0864

Recommended finish

- 0942 applied in two coats @ 30µm per coat

Application Conditions

- Applied in an air conditioned environment below 35°C

INSTRUCTIONS FOR USE

AIRLESS SPRAY

Recommended thinner

sweet water

Volume of thinner

approx. 0 - 5%

Nozzle orifice

approx. 0.46 - 0.53 mm (0.018 - 0.021 inch)

Nozzle pressure

165 bar (approx. 2300 p.s.i.)

AIR SPRAY

Recommended thinner

sweet water

Volume of thinner

approx. 5 - 10%

Nozzle orifice

approx. 1.5 - 1.8 mm

Nozzle pressure

3 - 5 bar (approx. 50 - 80 p.s.i.)

BRUSH AND ROLLER

Recommended thinner

sweet water

Volume of thinner

approx. 0 - 5%

SAFETY PRECAUTIONS



see safety sheets 1570 and 1571 for information on LEL and TLV values

ENVIRONMENTAL



Complies with VOC specifications such as LEED
VOC < 50g/l

REFERENCES

explanation to product data sheets on information sheet 1551