**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 Aeroginosa.
- Independently certified by Industrial Microbiological Services Ltd, United Kingdom
- low flame spread properties
- conforms to environmental specifications

**COLOUR AND GLOSS**

Sigma Standard Colour Selection - Silk

**BASIC DATA AT 20 °C**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mass density</td>
<td>approx. 1.3 g/cm³</td>
</tr>
<tr>
<td>Solids content</td>
<td>approx. 35% ± 2% by volume</td>
</tr>
<tr>
<td>Recommended dry film</td>
<td>approx 30µm</td>
</tr>
<tr>
<td>Theoretical spreading rate</td>
<td>approx. 11.6 m²/ltr @ 30µm</td>
</tr>
<tr>
<td>Touch dry after</td>
<td>approx. 1 hour</td>
</tr>
<tr>
<td>Overcoating interval</td>
<td>min. 4 hours, max. no limitation</td>
</tr>
<tr>
<td>Shelf life</td>
<td>12 months</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>above 65 °C</td>
</tr>
<tr>
<td>Available pack size</td>
<td>1 usg, 15 ltr</td>
</tr>
<tr>
<td>Storage conditions</td>
<td>below 35°C (preferably in an air conditioned environment)</td>
</tr>
</tbody>
</table>

**RECOMMENDED SUBSTRATE CONDITIONS**

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

*Please turn*
The information in this data sheet is to the best of our knowledge correct at the date of printing. The company reserves the right to modify data without notice. Any change in data will normally be followed by issue of a new data sheet. The user should check the date of printing and if more than 12 months have elapsed, then the data should only be used after checking with our nearest sales office to establish that they are still valid. Since conditions of application and service may be beyond our control, no liability can be accepted on the basis of this data.

### 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 born 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 Sigmfafix 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 35ºC

### METHOD OF APPLICATION

**AIRLESS SPRAY**

- **Recommended thinner**
  - sweet water
- **Volume of thinner**
  - approx. 0 - 5%

**AIR SPRAY**

- **Recommended thinner**
  - sweet water
- **Volume of thinner**
  - approx. 5 - 10%

**BRUSH AND ROLLER**

- **Recommended thinner**
  - sweet water
- **Volume of thinner**
  - approx. 0 - 5%

### SAFETY PRECAUTIONS

- see safety sheet 1570 for information on LEL and TLV values

### ENVIRONMENTAL

- complies with VOC specifications for non flat such as LEED VOC < 50g/l

### REFERENCES

- explanation to product data sheets on information sheet 1551