**DESCRIPTION**

superior quality waterborne façade filler based on acrylic copolymer resins and engineered for use with the Sigma Guardian range of products for crack repair and leveling of cement based substrates.

**PRINCIPAL CHARACTERISTICS**

- for exterior or interior use
- superior filling smoothing and leveling properties
- alkali resistant and unsaponifiable
- smooth surface produced
- superior adhesion to primed substrates
- superior cohesive strength
- compatible with various generic paint types
- waterborne finishes may be applied direct
- may be applied up to 2mm per coat
- multiply coats may be applied
- conforms to environmental specifications

**DESCRIPTION**

- superior quality waterborne façade filler based on acrylic copolymer resins and engineered for use with the Sigma Guardian range of products for crack repair and leveling of cement based substrates.

**PRINCIPAL CHARACTERISTICS**

- for exterior or interior use
- superior filling smoothing and leveling properties
- alkali resistant and unsaponifiable
- smooth surface produced
- superior adhesion to primed substrates
- superior cohesive strength
- compatible with various generic paint types
- waterborne finishes may be applied direct
- may be applied up to 2mm per coat
- multiply coats may be applied
- conforms to environmental specifications

**COLOUR AND GLOSS**

off white – flat

**BASIC DATA AT 20 °C**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mass density</td>
<td>approx. 1.8g/cm³</td>
</tr>
<tr>
<td>Solids content</td>
<td>approx. 76% by weight</td>
</tr>
<tr>
<td></td>
<td>approx. 56% by volume</td>
</tr>
<tr>
<td>Dry film thickness</td>
<td>200µm – 2mm per layer</td>
</tr>
<tr>
<td>Theoretical spreading rate</td>
<td>approx. 2.5kg/m² @ 2mm</td>
</tr>
<tr>
<td></td>
<td>depending on the nature and condition of the substrate and the application method employed</td>
</tr>
<tr>
<td>Overcoating interval</td>
<td>4-8 hours depending on thickness applied</td>
</tr>
<tr>
<td></td>
<td>max. no limitation</td>
</tr>
<tr>
<td>Touch dry after</td>
<td>approx. 2 hours</td>
</tr>
<tr>
<td>Shelf life (cool, dry place)</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, 25 kg</td>
</tr>
</tbody>
</table>

**RECOMMENDED SUBSTRATE CONDITIONS**

primed substrates:

- dry and free from mortar splashes
- all surface contamination and dust must be removed
- crack should be raked out before filling
**SIGMA GUARDIAN FILLER**

January 2014

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.

<table>
<thead>
<tr>
<th>RECOMMENDED SUBSTRATE CONDITIONS</th>
<th>previously painted (maintenance)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- remove all contamination, loose and flaking paint from the surface</td>
</tr>
<tr>
<td></td>
<td>- when used for patching work, spot prime all bare areas</td>
</tr>
<tr>
<td></td>
<td>- cracks should be raked out and primed before filling.</td>
</tr>
</tbody>
</table>

**SYSTEM SPECIFICATION**

**Recommended primers**
- 0907 Sigma Guardian Primer

**Recommended finish types**
- Sigma Guardian Range, Textures and Solvent borne finishes

**METHOD OF APPLICATION**

**TOOLS**
- stainless steel filling knife, trowel or Swedish knife

**Recommended thinner**
- sweet water

**Volume of thinner**
- 0 - 3%

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

**ENVIRONMENTAL**
- complies with environmental specifications
  - VOC < 50g/l

**REFERENCES**
- explanation to product data sheets on information sheet 1551