### DESCRIPTION

- quality water based decorative and protective finish based on acrylic copolymer resins providing a genuine semi gloss finish as per Lange gloss gauge.

### PRINCIPAL CHARACTERISTICS

- for interior and exterior use
- unsaponifiable
- good colour retention properties
- anti-carbonation properties
- moisture vapour permeable
- good weather resistance
- good adhesion properties
- good flow and leveling properties
- high wash and scrub resistance
- excellent heat reflection with ULTRA-COOL colors
- almost odourless
- easy to apply
- conforms to environmental specifications

### COLOUR AND GLOSS

see Sigma Standard Colour Selection - semi gloss

### BASIC DATA AT 20 °C

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mass density</td>
<td>approx. 1.2g/cm³</td>
</tr>
<tr>
<td>Solids content</td>
<td>approx. 25% ± 2% by volume depending on colours</td>
</tr>
<tr>
<td>Recommended dry film</td>
<td>approx 25 – 30µm</td>
</tr>
<tr>
<td>Theoretical spreading rate</td>
<td>approx. 10 m²/ltr @ 25µm</td>
</tr>
<tr>
<td></td>
<td>approx. 8.3m²/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</td>
</tr>
<tr>
<td></td>
<td>max. no limitation</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 ltr, 1 usg, 15 ltr</td>
</tr>
</tbody>
</table>

### RECOMMENDED SUBSTRATE CONDITIONS

- dry and clean primed concrete, cement render, plaster, gypsum and gypsum board
- abrading is recommended before and between applications.
- dirt, dust and other surface contamination must be removed prior to application of finishing coats.
SIGMACRYL SEMI GLOSS

January 2014

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
- not recommended over glossy or solvent borne paint types.
- bare and repaired areas should be spot primed prior to application

SYSTEM SPECIFICATION

Recommended primers
- 0852 Sigma Acrylic Primer Sealer *
- 0804 Sigmax Primer

Recommended fillers
- 0803 Sigma PVA Wallfiller (internal) *
- 0896 Sigma Concrete Filler (external)
*alternate primer 0805, alternate filler 0864

Recommended finish
- applied in two coats @ 25-30µm dft per coat
- optimum opacity is obtained by first applying 0842 Sigmacryl Flat in the same colour, over the primer

METHOD OF APPLICATION

BRUSH AND ROLLER
Recommended thinner sweet water
Volume of thinner approx. 0 - 5%

AIRLESS SPRAY
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

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