SIGMACRYL HIGH GLOSS

DESCRIPTION

high quality decorative and protective waterborne paint based on acrylic copolymer resins providing a high gloss finish

PRINCIPAL CHARACTERISTICS

- for interior and exterior use
- unsaponifiable
- good colour retention properties
- moisture vapour permeable
- good weather resistant properties
- anti-carbonation properties
- good flow and leveling properties
- good 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 – gloss

BASIC DATA AT 20 °C

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mass density</td>
<td>approx. 1.2g/cm³</td>
</tr>
<tr>
<td>Solids content</td>
<td>approx. 37% ± 2% by volume depending on colour</td>
</tr>
<tr>
<td>Recommended dry film</td>
<td>25 – 30µm</td>
</tr>
<tr>
<td>Theoretical spreading rate</td>
<td>approx. 14.8 m²/ltr @ 25µm; approx. 12.3 m²/ltr @ 30µm depending on the nature and condition of the substrate and the application method employed</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 (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

new primed substrates
- 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.

January 2014
SIGMACRYL HIGH 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 Sigmafix 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 hiding is obtained by first applying 0842 Sigmacryl Flat 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