

January 2011

DESCRIPTION

quality water based decorative and protective finish based on acrylic copolymer resins providing a genuine semi gloss finish

PRINCIPAL CHARACTERISTICS

- for interior and exterior use
- unsaponifiable
- good colour retention properties
- moisture vapour permeable
- good weather resistance
- good adhesion properties
- good flow and leveling properties
- high wash and scrub resistance
- almost odourless
- easy to apply
- conforms to Environmental Specifications

COLOUR AND GLOSS

see Sigma Standard Colour Selection - semi gloss

BASIC DATA AT 20 °C

Mass density

approx. 1.2g/cm³

Solids content

approx. 25% ± 2% by volume depending on colours

Recommended dry film

approx 25 – 30µm

Theoretical spreading rate

approx. 10 m²/ltr @ 25µm approx. 8.3m²/ltr @ 30µm
depending on the nature and condition of the substrate and the application method employed

Touch dry after

approx. 1 hour

Overcoating interval

min. 4 hours
max. no limitation

Shelf life (cool dry place)

12 months

Flashpoint

above 65 °C

Available pack size

1 usg, 15 ltr

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.

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
- 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 opacity is obtained by first applying 0842 Sigmacyl Flat in the same colour, over the primer

INSTRUCTIONS FOR USE

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%

Nozzle orifice

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

Nozzle pressure

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

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