

DESCRIPTION	high quality decorative and protective waterborne paint based on acrylic copolymer resins providing a high gloss finish
PRINCIPAL CHARACTERISTICS	<ul style="list-style-type: none">- 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	
Mass density	approx. 1.2g/cm ³
Solids content	approx. 37% ± 2% by volume depending on colour
Recommended dry film	25 – 30µm
Theoretical spreading rate	approx. 14.8 m ² /ltr @ 25µm approx. 12.3 m ² /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 ltr, 1 usg, 15 ltr
RECOMMENDED SUBSTRATE CONDITIONS	new primed substrates <ul style="list-style-type: none">- 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

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 Sigmaxfix 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