



DESCRIPTION	high quality anti-carbonation decorative and protective waterborne paint based on acrylic copolymers with excellent hiding power
PRINCIPAL CHARACTERISTICS	<ul style="list-style-type: none">- for interior and exterior use- unsaponifiable- good colour retention properties- moisture vapour permeable- good hiding power- good weather resistant properties- anti-carbonation properties- good adhesion properties- good flow and drying properties- good wash and scrub properties- almost odourless- easy to apply
COLOUR AND GLOSS	see Sigma Standard Colour Selection - semi gloss
BASIC DATA AT 20 °C	
Mass density	approx. 1.2g/cm ³
Solids content	approx. 32% ± 2% by volume depending on colours
Recommended dry film	approx 25 – 30µm
Theoretical spreading rate	approx. 12.8 m ² /ltr@25µm approx. 10.6m ² /ltr @ 30µm depending on the nature and condition of the substrate and the application method employed
Touch dry after	approx. 45 minutes
Overcoating interval	min. 2 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 <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

**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%

INDEPENDENT TESTS**Carbon Dioxide Diffusion**

SD CO₂ DIN EN 1062-6 S_{D,CO2} > 57 m

**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