

January 2011

DESCRIPTION

high quality, non yellowing solvent based acrylic gloss finish for superior internal and external protection and decoration

PRINCIPAL CHARACTERISTICS

- for interior and exterior protection
- very good colour and gloss retention properties
- good covering and opacity
- very good water penetration resistance
- washable with very high scrub resistance
- strong with good impact resistance
- high UV resistance
- non yellowing
- easy to clean
- good flow and drying properties
- easy to apply

COLOUR AND GLOSS

see Sigma Standard Colour Selection – gloss (available only in colours between numbers 0200 and 3290)

BASIC DATA AT 20 °C

Mass density

approx. 1.05g/cm³

Solids content

approx. 35% by volume

Recommended dry film

25 - 30 µm

Theoretical spreading rate

approx. 14 m²/ltr @ 25 µm approx. 11.6 m²/ltr @ 30 µm
depending on the nature and condition of the substrate and the application method employed

Touch dry after

approx. 3 hour

Overcoating interval

min. 8 hours
max. no limitation

Shelf life (cool, dry place)

12 months

Flashpoint

39 °C

Available pack size

1 usg, 18 ltr

RECOMMENDED SUBSTRATE CONDITIONS

- new primed substrates**
- dry and clean primed concrete, cement render and plaster
 - dry and clean primed timber
 - dirt, dust and other contamination must be removed

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 directly over unstable coatings

SYSTEM SPECIFICATION

Recommended primer

- 0804 Sigmafix Primer
- 0852 Sigma Acrylic Primer Sealer

Recommended filler

- 0896 Sigma Concrete Filler

Recommended finish

- applied in two coats by spray @ 25-30µm dft per coat

INSTRUCTIONS FOR USE

AIRLESS SPRAY

Recommended thinner

21-22 (flashpoint 50 °C)

Volume of thinner

0 - 5%

Nozzle orifice

approx. 0.38 - 0.46 mm (0.015 -0.018 inch)

Nozzle pressure

80 - 120 bar (approx. 1100 – 1700 p.s.i.)

AIR SPRAY

Recommended thinner

21-22 (flashpoint 50 °C)

Volume of thinner

5 - 10%

Nozzle orifice

2.0 - 3.0 mm

Nozzle pressure

3 - 4 bar (approx. 43 - 57 p.s.i.)

BRUSH AND ROLLER

Recommended thinner

21-22 (flashpoint 50 °C)

Volume of thinner

0 - 5%

CLEANING SOLVENT

21-22 (flashpoint 50 °C)

SAFETY PRECAUTIONS



see safety sheets 1570 and 1571 for information on LEL and TLV values

REFERENCES

explanation to product data sheets on information sheet 1551