

January 2011

## DESCRIPTION

high quality, non yellowing solvent based acrylic semi 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 – semi gloss (available only in colours between numbers 0200 and 3290)

## BASIC DATA AT 20 °C

**Mass density**

approx. 1.05g/cm<sup>3</sup>

**Solids content**

approx. 38% by volume

**Recommended dry film**

25 - 30µm

**Theoretical spreading rate**

approx. 15.2 m<sup>2</sup>/ltr @ 25 µm    approx. 12.6 m<sup>2</sup>/ltr @ 30 µm  
depending on the nature and condition of the substrate and the application method employed

**Touch dry after**

approx. 3 hours

**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 type
- dry and clean primed timber
- dirt, dust and other surface 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 (internal and external)

### 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