

January 2011

## DESCRIPTION

quality finish coat based on alkyd resins, producing a durable semi gloss finish for various substrate types

## PRINCIPAL CHARACTERISTICS

- for interior and exterior use
- good colour retention properties
- good covering and hiding capacity
- particularly suitable for wood and steel
- good weather resistance
- washable and scrubbable
- good flow and drying properties
- lead free
- easy to apply

## COLOUR AND GLOSS

see the Sigma Standard Colour Selection - semi gloss

## BASIC DATA AT 20 °C

**Mass density**

approx. 1.3g/cm<sup>3</sup>

**Solids content**

approx. 52% by volume

**Recommended dry film thickness**

35 µm

**Theoretical spreading rate**

approx. 15 m<sup>2</sup>/ltr (57 m<sup>2</sup>/usg) for 35 µm depending on the nature and condition of the substrate and the application method employed

**Touch dry after**

approx. 2 hours

**Overcoating interval**

min. 12 hours  
max. no limitation

**Shelf life (cool,dry place)**

24 months

**Flashpoint**

39 °C

**Available pack size**

1 usg, 18 ltr

## RECOMMENDED SUBSTRATE CONDITIONS

- new primed/undercoated substrates**
- dry and clean primed concrete, cement render, plaster, gypsum and gypsum board, timber and metal.
  - abrading is recommended before and between applications.
  - 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
- bare and repaired areas should be spot primed prior to application

## SYSTEM SPECIFICATION

- Recommended primers** - from the range of Sigma Primers appropriate to the substrate type
- Recommended buildcoat** - 0811 Sigmacolor Undercoat
- Recommended finish** - applied in two coats at 35 - 40µm dft per coat

## INSTRUCTIONS FOR USE

### AIRLESS SPRAY

- Recommended thinner** 20-05 (flashpoint 38 °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** 20-05 (flashpoint 38 °C)
- Volume of thinner** 5 - 10%
- Nozzle orifice** 2.0 - 3.0 mm
- Nozzle pressure** 3 – 4 bar (approx. 40 - 60 p.s.i.)

### BRUSH AND ROLLER

- Recommended thinner** 20-05 (flashpoint 38 °C)
- Volume of thinner** 0 - 5%

### CLEANING SOLVENT

20-05 (flashpoint 38 °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