

January 2011

DESCRIPTION

quality finish coating based on alkyd resins, producing a durable high gloss finish for various substrate types.
(SASO approved 472-2002)

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
- easy to clean
- easy to apply
- lead free

COLOUR AND GLOSS

see the Sigma Standard Colour Selection - high gloss

BASIC DATA AT 20 °C

Mass density

approx. 1.15g/cm³

Solids content

approx. 50% by volume

Recommended dry film thickness

35 µm

Theoretical spreading rate

approx. 14 m²/ltr (57 m²/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. 16 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