SIGMACOLOR GLOSS

January 2014

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 high opacity
- particularly suitable for wood and steel
- good weather resistance
- washable with very high scrub resistance
- good flow and drying properties
- easy to clean
- easy to apply
- lead free

COLOUR AND GLOSS

see 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/lt (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 ltr, 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
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

METHOD OF APPLICATION

AIRLESS SPRAY

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

AIR SPRAY

Recommended thinner
- 20-05 (flashpoint 38 °C)
Volume of thinner
- 5 - 10%

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 sheet 1570 for information on LEL and TLV values

REFERENCES

- explanation to product data sheets on information sheet 1551