SIGMACOLOR FLAT

January 2014

DESCRIPTION
quality finish coat based on alkyd resins, producing a durable flat finish for various substrate types (SASO approved 472-2002)

PRINCIPAL CHARACTERISTICS
- for interior use
- good colour retention properties
- good covering and high opacity
- washable with high scrub resistance
- good flow and drying properties
- lead free
- easy to apply

COLOUR AND GLOSS
see Sigma Standard Colour Selection - flat

BASIC DATA AT 20 °C
Mass density
approx. 1.4g/cm³
Solids content
approx. 54% by volume
Recommended dry film thickness
35 µm
Theoretical spreading rate
approx. 15 - 16 m²/ltr (60 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. 12 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
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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

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