SIGMACOLOR GLOSS

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/cm ³
Solids content	approx. 50% by volume
Recommended dry film thickness	35 µm
Theoretical spreading rate	approx. 14 m ² /ltr (57 m ² /usg) for 35 μ m 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

The information in this data sheet is to the best of our knowledge correct at the date of printing. The company reserves the right to modify data without notice. Any change in data will normally be followed by issue of a new data sheet. The user should check the date of printing and if more than 12 months have elapsed, then the data should only be used after checking with our nearest sales office to establish that they are still valid. Since conditions of application and service may be beyond our control, no liability can be accepted on the basis of this data.



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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]
<u>AIRLESS SPRAY</u> Recommended thinner Volume of thinner Nozzle orifice Nozzle pressure	20-05 (flashpoint 38 °C) 0 - 5% approx. 0.38 - 0.46 mm (0.015 -0.018 inch) 80 - 120 bar (approx. 1100 - 1700 p.s.i.)
<u>AIR SPRAY</u> Recommended thinner Volume of thinner Nozzle orifice Nozzle pressure	20-05 (flashpoint 38 °C) 5 - 10% 2.0 - 3.0 mm 3 - 4 bar (approx. 40 - 60 p.s.i.)
<u>BRUSH AND ROLLER</u> Recommended thinner Volume of thinner	20-05 (flashpoint 38 °C) 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



