

SIGMA VIKOTE 56

(SIGMA TOPACRYL FINISH)

3 pages

September 2005
Revision of January 2003

DESCRIPTION

modified acrylic finish

PRINCIPAL CHARACTERISTICS

- finish coat for above water areas
- good gloss and colour retention
- resistant to water and splash of mild chemicals
- fast drying
- can be applied at low temperatures, down to -10°C

COLOURS AND GLOSS

white and various other colours (see also Marine shade card) - gloss

BASIC DATA AT 20°C

(1 g/cm³ = 8.25 lb/US gal; 1 m²/l = 40.7 ft²/US gal)

Mass density	1.1 g/cm ³
Volume solids	35 ± 2%
VOC (supplied)	max. 538 g/kg (Directive 1999/13/EC, SED) max. 569 g/l (approx. 4.7 lb/gal)
Recommended dry film thickness	35 µm
Theoretical spreading rate	10 m ² /l for 35 µm
Touch dry after	1 hour at 5 - 10°C, 30 min. at 20°C
Overcoating interval	min. 8 hours at 5 - 10°C, 4 hours at 20°C max. no limitations
Shelf life (cool and dry place)	at least 24 months
Flash point	30°C

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- previous coat; chlorinated rubber, vinyl or acrylic coatings, dry and free from any contamination
- substrate temperature should be at least 3°C above dew point

SYSTEM SPECIFICATION

marine system sheets 3102, 3103, 3104

INSTRUCTIONS FOR USE

- stir well before use
- the temperature of the paint should preferably be above 15°C, otherwise extra thinner may be required to obtain application viscosity
- too much solvent results in reduced sag resistance
- adequate ventilation must be maintained during application and curing (please refer to sheet 1433 and 1434)

AIRLESS SPRAY

Recommended thinner	Sigma thinner 21-06
Volume of thinner	5 - 10%, depending on required thickness and application conditions
Nozzle orifice	approx. 0.28 - 0.33 mm (= 0.011 - 0.013 in)
Nozzle pressure	12 - 15 MPa (= approx. 120 - 150 bar; 1700 - 2130 p.s.i.)

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AIR SPRAY

Recommended thinner Sigma thinner 21-06
 Volume of thinner 0 - 5%, depending on required thickness and application conditions
 Nozzle orifice 1.8 - 2 mm
 Nozzle pressure 0.2 - 0.3 MPa (= approx. 2 - 3 bar; 28 - 43 p.s.i.)

BRUSH/ROLLER

Recommended thinner Sigma thinner 21-06
 Volume of thinner 0 - 3%

CLEANING SOLVENT

Sigma thinner 21-06

SAFETY PRECAUTIONS

for paint and recommended thinners see safety sheets 1430, 1431 and relevant material safety data sheets

this is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapour as well as contact between the wet paint and exposed skin or eyes

ADDITIONAL DATA

Colour scheme:

Sigma Vikote 56 colours to be applied on top of Sigma Vikote 46 colours

Sigma Vikote 56 colours	Sigma Vikote 46 colours
7003, 7000, 1188, 3138, 3142	Offwhite
3179, 3149, 4150, 4171, 5163	Offwhite
1188, 1199, 5163, 5177, 6188	Light grey
5177, 5198, 8000	Dark grey
4199	Green
2182, 6179	Redbrown
8000	Black

Worldwide availability

Whilst it is always the aim of Sigma Coatings to supply the same product on a worldwide basis, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

Explanation to product data sheets see information sheet 1411
 Safety indications see information sheet 1430
 Safety in confined spaces and health safety
 Explosion hazard - toxic hazard see information sheet 1431

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LIMITATION OF LIABILITY

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Sigma Coatings has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. Sigma Coatings does therefore not accept any liability arising from loss, injury or damage resulting from such use or the contents of this data sheet (unless there are written agreements stating otherwise).

The data contained herein are liable to modification as a result of practical experience and continuous product development. This data sheet replaces and annuls all previous issues and it is therefore the user's responsibility to ensure that this sheet is current prior to using the product.

The English text of this document shall prevail over any translation thereof.

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