

New Guard Coatings Group

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SIGMA VIKOTE™ 56

DESCRIPTION

Modified acrylic finish

PRINCIPAL CHARACTERISTICS

- Finish coat for above-water areas
- Good gloss and color retention
- Resistant to water and splash of mild chemicals
- Fast-drying
- Can be applied at low temperatures, down to -10°C (14°F)

COLOR AND GLOSS LEVEL

- White and various other colors (see also SIGMACARE shade card)
- Gloss

BASIC DATA AT 20°C (68°F)

Data for product	
Number of components	One
Mass density	1.1 kg/l (9.2 lb/US gal)
Volume solids	35 ± 2%
VOC (Supplied)	Directive 1999/13/EC, SED: max. 538.0 g/kg max. 569.0 g/l (approx. 4.7 lb/US gal)
Recommended dry film thickness	35 µm (1.4 mils)
Theoretical spreading rate	10.0 m ² /l for 35 µm (401 ft ² /US gal for 1.4 mils)
Dry to touch	30 minutes
Overcoating Interval	Minimum: 4 hours Maximum: Unlimited
Shelf life	At least 24 months when stored cool and dry

Notes:

- See ADDITIONAL DATA - Overcoating intervals
- See ADDITIONAL DATA - Curing time

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

Substrate conditions

- Previous coat (chlorinated rubber, vinyl or acrylic coatings) must be dry and free from any contamination

Substrate temperature and application conditions

- Substrate temperature during application should be at least 3°C (5°F) above dew point



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INSTRUCTIONS FOR USE

- Stir well before use
- The temperature of the paint should preferably be above 15°C (59°F), otherwise extra thinner may be required to obtain application viscosity
- Adding too much thinner results in reduced sag resistance
- Adequate ventilation must be maintained during application and curing (please refer to INFORMATION SHEETS 1433 and 1434)

Air spray

Recommended thinner

THINNER 21-06

Volume of thinner

5 - 10%, depending on required thickness and application conditions

Nozzle orifice

1.8 - 2.0 mm (approx. 0.070 - 0.079 in)

Nozzle pressure

0.2 - 0.3 MPa (approx. 2 - 3 bar; 29 - 44 p.s.i.)

Airless spray

Recommended thinner

THINNER 21-06

Volume of thinner

0 - 5%, depending on required thickness and application conditions

Nozzle orifice

Approx. 0.28 - 0.33 mm (0.011 - 0.013 in)

Nozzle pressure

12.0 - 15.0 MPa (approx. 120 - 150 bar; 1741 - 2176 p.s.i.)

Brush/roller

Recommended thinner

THINNER 21-06

Volume of thinner

0 - 3%

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Cleaning solvent

THINNER 21-06

ADDITIONAL DATA

Overcoating interval for DFT up to 35 µm (1.4 mils)

Overcoating with...	Interval	5°C (41°F)	20°C (68°F)
itself	Minimum	8 hours	4 hours
	Maximum	Unlimited	Unlimited

Curing time for DFT up to 35 µm (1.4 mils)

Substrate temperature	Dry to touch
5°C (41°F)	1 hour
20°C (68°F)	30 minutes

Color scheme

SIGMA VIKOTE 56 colors	SIGMA VIKOTE 46 colors
7003, 7000, 1188, 3138, 3142	Offwhite
3179, 3149, 4150, 4171, 5163	Offwhite
1188, 1199, 5163, 5177, 6188	Light gray
5177, 5198, 8000	Dark gray
4199	Green
2182, 6179	Redbrown
8000	Black

Note: SIGMA VIKOTE 56 colors to be applied on top of SIGMA VIKOTE 46 colors for optimal aesthetics

SAFETY PRECAUTIONS

- For paint and recommended thinners see INFORMATION SHEETS 1430, 1431 and relevant Material Safety Data Sheets
- This is a solvent-borne paint and care should be taken to avoid inhalation of spray mist or vapor, as well as contact between the wet paint and exposed skin or eyes

WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective and Marine Coatings to supply the same product on a worldwide basis. However, 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.



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REFERENCES

• EXPLANATION TO PRODUCT DATA SHEETS	INFORMATION SHEET	1411
• SAFETY INDICATIONS	INFORMATION SHEET	1430
• SAFETY IN CONFINED SPACES AND HEALTH SAFETY, EXPLOSION HAZARD – TOXIC HAZARD	INFORMATION SHEET	1431
• SAFE WORKING IN CONFINED SPACES	INFORMATION SHEET	1433
• DIRECTIVES FOR VENTILATION PRACTICE	INFORMATION SHEET	1434

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