

New Guard Coatings Group

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SIGMA VIKOTE™ 42 PRO

DESCRIPTION

High-build, flexible vinyl coating with excellent water resistance and aesthetic appearance, especially for outside hull of vessels

PRINCIPAL CHARACTERISTICS

- Tough flexible coating for outside hull
- Fast drying
- Extended resistance against weathering and discoloration
- Tar free and unsaponifiable
- Easy to apply by spray, roller and brush
- Can be applied at low temperatures, down to -10°C (14°F)

COLOR AND GLOSS LEVEL

- Black
- Eggshell

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	45 ± 2%
VOC (Supplied)	Directive 1999/13/EC, SED: max. 424.0 g/kg max. 475.0 g/l (approx. 4.0 lb/US gal)
Recommended dry film thickness	50 - 75 µm (2.0 - 3.0 mils) per coat
Theoretical spreading rate	9.0 m ² /l for 50 µm (361 ft ² /US gal for 2.0 mils)
Dry to touch	1 hour
Overcoating Interval	Minimum: 6 hours Maximum: Unlimited
Shelf life	At least 24 months when stored cool and dry

Notes:

- See ADDITIONAL DATA - Spreading rate and film thickness
- See ADDITIONAL DATA - Overcoating intervals

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

Substrate conditions

- Previous coat must be dry and free from any contamination
- Suitable on top of SIGMA VIKOTE 12 PRO



SIGMA VIKOTE™ 42 PRO

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
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Airless spray

Recommended thinner

THINNER 21-06

Volume of thinner

0 - 2%, depending on required thickness and application conditions

Nozzle orifice

Approx. 0.43 - 0.53 mm (0.017 - 0.021 in)

Nozzle pressure

15.0 MPa (approx. 150 bar; 2176 p.s.i.)

Brush/roller

- Only for touch-up and spot repair

Recommended thinner

THINNER 21-06

Volume of thinner

0 - 3%

Cleaning solvent

THINNER 21-06

ADDITIONAL DATA

Spreading rate and film thickness	
DFT	Theoretical spreading rate
50 µm (2.0 mils)	9.0 m ² /l (361 ft ² /US gal)
75 µm (3.0 mils)	6.0 m ² /l (241 ft ² /US gal)

SIGMA VIKOTE™ 42 PRO

Overcoating interval for DFT up to 75 µm (3.0 mils)

Overcoating with...	Interval	5°C (41°F)	10°C (50°F)	20°C (68°F)	30°C (86°F)
itself	Minimum	18 hours	10 hours	6 hours	4 hours
	Maximum	Unlimited	Unlimited	Unlimited	Unlimited

Notes:

- Surface should be dry and free from any contamination
- The above data are a fair indication for normal dry dockings
- Longer drying times may be necessary at higher DFT and under unfavorable atmospheric conditions

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.

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 |

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