December 10, 2014 (Revision of March 1, 2013)

SIGMA VIKOTE™ 18

TOPLICHT 28. April 2017
Art-Nr. 2580-125 2,5 Liter
Art-Nr. 2580-120 20 Liter

DESCRIPTION

High-build, aluminum pigmented chlorinated rubber primer/sealer

PRINCIPAL CHARACTERISTICS

- Anticorrosive primer/sealer
- Excellent water resistance
- Unsaponifiable
- Resistant to well designed/controlled cathodic protection
- Fast-drying
- Can be applied at low temperatures, down to –10°C (14°F)
- Tolerates a DFT up to 150 µm (6.0 mils) at overlaps without sagging
- Compatible with antifoulings

COLOR AND GLOSS LEVEL

- Gray, reddish gray
- Flat

BASIC DATA AT 20°C (68°F)

Data for product	
Number of components	One
Mass density	1.2 kg/l (10.0 lb/US gal)
Volume solids	42 ± 2%
VOC (Supplied)	Directive 1999/13/EC, SED: max. 409.0 g/kg max. 502.0 g/l (approx. 4.2 lb/US gal)
Recommended dry film thickness	75 µm (3.0 mils) per coat
Theoretical spreading rate	5.6 m^2/l for 75 µm (225 ft^2/US gal for 3.0 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 – Overcoating intervals
- See ADDITIONAL DATA – Curing time

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RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

Substrate conditions

- Steel with approved zinc silicate shop primer; sweep blasted to SPSS-Ss, welds, rusty and damaged areas blast cleaned to ISO-Sa2½
- Steel; blast cleaned to ISO-Sa2½, blasting profile 40 – 70 µm (1.6 – 2.8 mils)
- Primed steel or previous coat must be dry and free from any contamination
- Galvanized steel must be dry, free from any contamination and zinc salts

Substrate temperature and application conditions

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

SYSTEM SPECIFICATION

- ANTICORROSIVE SYSTEMS FOR UNDERWATER AND BOOTTOP - SYSTEM SHEET 3101
- SYSTEMS FOR BOOTTOP AND TOPSIDE – SYSTEM SHEET 3102
- SYSTEMS FOR DECKS – SYSTEM SHEET 3103
- SYSTEMS FOR SUPERSTRUCTURE AND DECK FITTINGS – SYSTEM SHEET 3104

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

Air spray

Recommended thinner
THINNER 21-06

Volume of thinner
6 - 10%, depending on required thickness and application conditions

Nozzle orifice
1.8 – 2.0 mm (approx. 0.070 – 0.079 in)

Nozzle pressure
0.3 - 0.4 MPa (approx. 3 - 4 bar; 44 - 58 p.s.i.)

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Airless spray

Recommended thinner
THINNER 21-06

Volume of thinner
0 - 3%, depending on required thickness and application conditions

Nozzle orifice
Approx. 0.46 mm (0.018 in)

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

Brush/roller

- The recommended DFT cannot be reached in one coat

Recommended thinner
THINNER 21-06

Volume of thinner
0 – 3%

Cleaning solvent
THINNER 21-06

ADDITIONAL DATA

Overcoating interval for DFT up to 75 µm (3.0 mils)						
Overcoating with...	**Interval**	**-10°C (14°F)**	**5°C (41°F)**	**10°C (50°F)**	**20°C (68°F)**	**30°C (86°F)**
itself	Minimum	24 hours	10 hours	8 hours	6 hours	4 hours
	Maximum	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
antifoulings	Minimum	36 hours	18 hours	12 hours	6 hours	4 hours
	Maximum	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited

Notes:

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

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Curing time for solvent-free application	
Substrate temperature	**Dry to touch**
5°C (41°F)	4 hours
10°C (50°F)	4 hours
20°C (68°F)	1 hour

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
• CLEANING OF STEEL AND REMOVAL OF RUST	INFORMATION SHEET	1490

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