

PPG VIKOTE™ 12 PRO

DESCRIPTION

High-build vinyl primer

PRINCIPAL CHARACTERISTICS

- A tough, flexible coating with excellent water resistance, especially for ships' bottoms, cofferdams and behind linings
- Fast-drying
- Unsaponifiable
- Resistant to well designed/controlled cathodic protection up to - 1050 mV
- Tolerates a DFT up to 150 µm (6.0 mils) at overlaps without sagging
- Can be applied at low temperatures, down to -5°C (23°F)

COLOR AND GLOSS LEVEL

- Aluminum reddish/dark
- 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	35 ± 2%
VOC (Supplied)	Directive 1999/13/EC, SED: max. 536.0 g/kg max. 570.0 g/l (approx. 4.8 lb/US gal)
Recommended dry film thickness	75 µm (3.0 mils) per coat
Theoretical spreading rate	4.5 m ² /l for 75 µm (182 ft ² /US gal for 3.0 mils)
Dry to touch	1 hour
Overcoating Interval	Minimum: 6 hours Maximum: 6 months
Shelf life	At least 24 months when stored cool and dry

Note: See ADDITIONAL DATA – Overcoating intervals

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

Substrate conditions

- Steel; blast cleaned to ISO-Sa2½, blasting profile 40 – 70 µm (1.6 – 2.8 mils)
- Steel with approved zinc silicate shop primer; sweep blasted to SPSS-Ss
- Previous coat must be dry and free from any contamination



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Substrate temperature and application conditions

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

- PPG VIKOTE 12 PRO: 3 x 75 µm (3 x 3.0 mils)
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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 - 5%, 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



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ADDITIONAL DATA

Overcoating interval for DFT up to 75 µm (3.0 mils)						
Overcoating with...	Interval	-5°C (23°F)	5°C (41°F)	10°C (50°F)	20°C (68°F)	30°C (86°F)
PPG VIKOTE 12 PRO and PPG VIKOTE 42 PRO	Minimum	32 hours	18 hours	10 hours	6 hours	4 hours
	Maximum	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited

Note: Surface should be dry and free from any contamination

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

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| • 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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