

# SIGMA VIKOTE™ 63

## DESCRIPTION

High-build bituminous coating

## PRINCIPAL CHARACTERISTICS

- A high-build protective coating for steel, concrete and fiber cement
- Good resistance to seawater and fresh water
- Used to protect void spaces, cofferdams, steelwork behind linings and pipes

## COLOR AND GLOSS LEVEL

- Black
- 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	57 ± 2%
VOC (Supplied)	Directive 1999/13/EC, SED: max. 308.0 g/kg max. 365.0 g/l (approx. 3.0 lb/US gal)
Recommended dry film thickness	250 - 500 µm (10.0 - 20.0 mils) depending on system
Theoretical spreading rate	2.3 m <sup>2</sup> /l for 250 µm (91 ft <sup>2</sup> /US gal for 10.0 mils)
Dry to touch	6 hours
Overcoating Interval	Minimum: 8 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 – Curing time

## RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

### Substrate conditions

- Steel; blast cleaned to ISO-Sa2½, blasting profile 40 – 70 µm (1.6 – 2.8 mils)
- Steel; power tool cleaned to min. ISO-St2
- Compatible previous coat 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)

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### Air spray

#### Recommended thinner

THINNER 20-05

#### Volume of thinner

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

#### Nozzle orifice

2.0 – 3.0 mm (approx. 0.079 – 0.110 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 20-05

#### Volume of thinner

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

#### Nozzle orifice

Approx. 0.58 mm (0.023 in)

#### Nozzle pressure

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

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### Brush/roller

- Only for touch-up and spot repair

#### Recommended thinner

THINNER 20-05

#### Volume of thinner

0 - 5%

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## Cleaning solvent

THINNER 20-05

## ADDITIONAL DATA

### Spreading rate and film thickness

DFT	Theoretical spreading rate
250 µm (10.0 mils)	2.3 m <sup>2</sup> /l (91 ft <sup>2</sup> /US gal)
500 µm (20.0 mils)	1.1 m <sup>2</sup> /l (46 ft <sup>2</sup> /US gal)

### Curing time for DFT up to 250 µm (10.0 mils)

Substrate temperature	Dry to touch
5°C (41°F)	8 hours
20°C (68°F)	6 hours
30°C (86°F)	4 hours
40°C (104°F)	3 hours

## 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
• SAFE WORKING IN CONFINED SPACES	INFORMATION SHEET	1433
• DIRECTIVES FOR VENTILATION PRACTICE	INFORMATION SHEET	1434
• CLEANING OF STEEL AND REMOVAL OF RUST	INFORMATION SHEET	1490

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PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

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