

# 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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