

SIGMA NAVAMAR

DESCRIPTION

Deck paint based on urethane alkyd

PRINCIPAL CHARACTERISTICS

- Short drying and recoatability time, can be used for normal deck traffic 8 - 10 hours after application of last coat at 20°C (68°F)
- Good resistance against abrasion
- Good resistance against oil and water
- Good levelling properties
- SIGMA NAVAMAR is not only used as a high quality deck paint for new-buildings, but also offers great advantages when used for upgrading or maintenance of existing conventional deck systems

COLOR AND GLOSS LEVEL

- Red, green, black, gray and white
- Semi-gloss

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	43 ± 3%
VOC (Supplied)	max. 462.0 g/l (approx. 3.9 lb/US gal)
Recommended dry film thickness	35 µm (1.4 mils)
Theoretical spreading rate	12.3 m ² /l for 35 µm (493 ft ² /US gal for 1.4 mils)
Dry to touch	1 hour
Overcoating Interval	Minimum: 4 hours Maximum: Unlimited
Shelf life	At least 12 months when stored cool and dry

Notes:

- See ADDITIONAL DATA - Overcoating intervals
- See ADDITIONAL DATA - Curing time

SYSTEM SPECIFICATION

- For exterior use; primed steel, dry and free from any contamination



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INSTRUCTIONS FOR USE

Air spray

Recommended thinner

THINNER 20-05

Volume of thinner

3 - 8%, depending on required thickness and application conditions

Nozzle orifice

2.0 - 3.0 mm (approx. 0.079 - 0.110 in)

Nozzle pressure

0.2 - 0.4 MPa (approx. 2 - 4 bar; 29 - 58 p.s.i.)

Airless spray

Recommended thinner

THINNER 20-05

Volume of thinner

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

Nozzle orifice

Approx. 0.43 - 0.48 mm (0.017 - 0.019 in)

Nozzle pressure

12.0 MPa (approx. 120 bar; 1741 p.s.i.)

Brush/roller

Recommended thinner

THINNER 20-05

Volume of thinner

0 - 3%

Cleaning solvent

THINNER 20-05

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ADDITIONAL DATA

Overcoating interval for DFT up to 35 µm (1.4 mils)				
Overcoating with...	Interval	5°C (41°F)	10°C (50°F)	20°C (68°F)
itself	Minimum	6 hours	6 hours	4 hours
	Maximum	Unlimited	Unlimited	Unlimited

Curing time for DFT up to 35 µm (1.4 mils)	
Substrate temperature	Dry to touch
5°C (41°F)	2 hours
10°C (50°F)	2 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

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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 |

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