



# New Guard Coatings Group

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This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

[www.newguardcoatings.com](http://www.newguardcoatings.com)

NORTH • SOUTH EAST • MIDLANDS • NORTH WEST • HULL • SCOTLAND

# SIGMARINE™ 42

## DESCRIPTION

Clear varnish based on wood oil phenolic resin, for interior and exterior use

## PRINCIPAL CHARACTERISTICS

- A high-quality, weather-resistant clear varnish with excellent gloss retention
- Good resistance to saltwater and fresh water
- Good scratch and abrasion resistance

## COLOR AND GLOSS LEVEL

- Transparent
- Gloss

## BASIC DATA AT 20°C (68°F)

Data for product	
Number of components	One
Mass density	0.9 kg/l (7.5 lb/US gal)
Volume solids	49 ± 2%
VOC (Supplied)	Directive 2010/75/EU, SED: max. 428.0 g/kg max. 395.0 g/l (approx. 3.3 lb/US gal) China GB 38469-2019 (tested) 403.0 g/l (approx. 3.4 lb/gal)
Recommended dry film thickness	30 µm (1.2 mils) per coat
Theoretical spreading rate	16.3 m <sup>2</sup> /l for 30 µm (655 ft <sup>2</sup> /US gal for 1.2 mils)
Dry to touch	3 hours
Overcoating Interval	Minimum: 16 hours Maximum: Unlimited
Shelf life	At least 24 months when stored cool and dry

## RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

### Substrate conditions

- Dry clean wood
- Compatible previous coat must be dry and free from any contamination



# SIGMARINE™ 42

## SYSTEM SPECIFICATION

- When used on new tropical timber such as teak the surface should be sealed with a coat of polyurethane clear varnish (SIGMADUR CLEARCOAT); this is required to seal aggressive products in the wood
- When coating open grain woods: [1] one coat of SIGMARINE 42 diluted 100% followed by sand papering; [2] one coat of SIGMARINE 42 diluted 50% followed by sand papering; [3] two coats of SIGMARINE 42 undiluted
- Oil seals (e.g. linseed) should not be used under SIGMARINE 42
- The varnish should be applied directly to the bare wood or over a polyurethane sealer
- In general a four coat system is sufficient

## 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)

### Brush/roller

### Recommended thinner

THINNER 20-05

## 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



# SIGMARINE™ 42

## WARRANTY

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