

NAVILAC



TECHNICAL DATA SHEET

Description of the product

NAVILAC is an alkyd-silicon based paint for painting boats superstructures. It presents exceptional resistance to the marine environment and UV rays. It offers long-lasting high gloss. **NAVILAC** provides a final surface with exceptional hardness and elasticity.

Recommended uses

It is applied on superstructures of wooden and metal boats.

Technical characteristics

Density: 1.32±0.03 gr/ml	(EN ISO 2811.01, 20°C)
Viscosity: 72±5 KU	(ASTM D 562)
Solids b.w.: 66±3%	(EN ISO 3251)
Flash point: 40±4°C	(EN ISO 1523)

Shades

Available in white.

Products

Gloss 60°: 45±5	(EN ISO 2813)
Adhesion (Cross Cutting on metal): 3-4	(EN ISO 2409)
Hardness (König): 30±10 sec, after 7 days	(EN ISO 1522)
Cupping test: 4.5-5.0 mm	(EN ISO 1520)
Impact test: in/out 32/8 inch/pounds	(EN ISO 6272)
Adhesion (knife test): OK	(FST 141-6304)
Elasticity: OK	(FST 141-6221)
Resistance to water: OK	(FST 141-6011)

Spreading rate

Dry film thickness per coat: 33±3 µm.
Recommended dry film thickness: 60±6 µm.
Spreading rate: 9±0.5 m²/Lt, for complete hiding.

Application instructions

Surfaces are cleaned from rust, oil, dust, abrasive residues, etc. Wooden surfaces are treated with putty and sandpapered. They are further primed with **VELATURA** or with **NAVILAC** thinned. Metal surfaces are primed with the appropriate anticorrosive primer (**REDOX, GRIDOX, PRIMETAL**).

NAVILAC is applied in 2 coats.

Application method: Brush, roller, spray.

Diluent: **CHROTEX BRUSH SOLVENT** or **CHROTEX SPRAY SOLVENT**, depending on the application method.

Thinning: For application with brush or roller: up to 10%.

For spraying: Dilute 10-15%.

Tools are cleaned immediately after the application with solvent, soap and water.

Drying time

Set-to-touch: < 2 hours (ASTM D 1640).

Dry hard: < 8 hours.

Drying and recoating time may be prolonged under conditions of low temperature and high relative humidity.

Coating system

Before the application of **NAVILAC**, metal surfaces are treated with an alkyd-based primer (**REDOX**, **GRIDOX**, **NEOMIN**, etc) whereas the wooden surfaces are treated with putty and **VELATURA**.

Other systems may be applied, depending on the application.

Packaging

It is available in 0.75 Lt cans.

Storage

1 year, provided the cans remain closed and in normal storing conditions.

Health and safety

Please refer to the labeling on the can. In case more information is needed refer to the Material Safety Data Sheet.

Notes

- It is recommended to avoid application when the relative humidity is high.
- Directive 2004/42/CE is not applicable to **NAVILAC**.

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This issue replaces all others.*

