

NAVICOT

TECHNICAL DATA SHEET



Description of the product

NAVICOT is an **antifouling paint** for the protection of metal and wood boats. It provides strong antifouling protection **without damaging** the marine environment (does not contain TBT). It destroys and deactivates all antifouling organisms. It is very drastic and prevents organisms from forming lime garmets for a long time.

Recommended uses

It offers antifouling protection on wooden and metal bottoms of ships, boats, etc.

Technical characteristics

Density: 1.71±0.12 gr/ml, depending on the shade	(EN ISO 2811.01, 20°C)
Production Viscosity: 75±5 KU	(ASTM D 562)
Viscosity: 75±10 KU	(ASTM D 562)
Solids b.w.: 82±4.5%, depending on the shade	(EN ISO 3251)
Solids b.v.: 61.5±6%, depending on the shade	(ISO 3233)
Flash point: 42±3°C	(EN ISO 1523)

Shades

Available in green (No 16), red-brown (No 51), blue (No 40).

Products

Adhesion (Cross Cut on metal): 3-5	(EN ISO 2409)
Hardness (König, after 7 days): Navicot 16: 60±10 sec	
Navicot 40: 30±5 sec	(EN ISO 1522)
Navicot 51: 85±15 sec	
Impact test:	
Navicot 16 & Navicot 40: in/out 8±2/0-2 inch/pounds	(EN ISO 6272)
Navicot 51: In/out 8±2/0-2 inch/pounds	
Bend test (Mandrel):	
Navicot 16 & Navicot 40: 8 mm OK, Navicot 51: > 10 mm	(EN ISO 1519)

Spreading rate

Dry film thickness per coat: 65±5 µm.
Recommended dry film thickness: 135±15 µm.
Spreading rate: 9±1.5 m²/Lt, per coat.

Application instructions

Wooden surfaces: for surfaces to be coated for the first time, it is recommended that they are previously treated with **ULTRAXYL** and **NEOMIN**.

Metal surfaces: the surface should be sandblasted and then it is treated with an anticorrosive primer (**REDOX, GRIDOX, PRIMETAL**).

NAVICOT is applied in 2 coats.

Application method: Brush.

Diluent: No thinning is necessary. However, if dilution is needed, up to 5% v/v **CHROTEX BRUSH SOLVENT** is used.

Tools are cleaned immediately after application with CHROTEX Brush Solvent, soap and water.

Drying time

Set-to-touch: 4±1 hours (ASTM D-1640).

Dry: 36±12 hours.

Recoating time: After at least 24 hours.

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

Coating system

Before the application of **NAVICOT**, on metal surfaces it is recommended to apply an alkyd based anticorrosive primer (**REDOX**, **GRIDOX**, **NEOMIN**, etc) and on wooden surfaces to apply **ULTRAXYL** and **NEOMIN**.

Other systems may be applied, depending on the application.

Packaging

It is available in 0.75 Lt and 2.5 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

- **NAVICOT** destroys and deactivates all antifouling organisms without damaging the marine environment.
- It does not contain TBT.
- It can be applied on polyester surfaces, provided that the surfaces are sand papered and primed with **NOVEPOX PRIMER 960**.
- Directive 2004/42/CE is not applicable to NAVICOT.
- Licence number: **NAVILAC 16:** ТП 21-0302, **NAVILAC 40:** ТП 21-0303, **NAVILAC 51:** ТП 21-0304.

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