

BOATLAC

TECHNICAL DATA SHEET



Description of the product

BOATLAC is a two component, polyurethane based top coat. It is especially **resistant to adverse weather conditions** and **UV rays**. It presents exceptional and long-lasting gloss. It has high **hardness, elasticity** and **resistance to scratch** and provides a perfect finish.

Recommended uses

It is applied on polyester, metal and wood surfaces on boats.

Technical characteristics

Resin: Polyurethane

Density (A+B): 1.18-0.15 gr/ml, depending on the shade (EN ISO 2811.01, 20°C)

Storage viscosity (A+B): 100±20 sec (DIN 53211/4 mm, 20°C)

Solids b.w. (A+B): 66.5±3.5%, depending on the shade (EN ISO 3251)

Flash point: A: 36±2°C, B: 38±2°C (EN ISO 1523)

Shades

Available in white and in 5 RAL shades.

Properties

Gloss 60/20°: 92±2/87±3 (EN ISO 2813)

Adhesion (Cross-Cut on metal): 0-1

As a system: 0 (EN ISO 2409)

(1 coat Nov. Primer 951 + 1 coat Boatlac)

Hardness (König): 120±20 sec, after 7 days (EN ISO 1522)

Impact Test: in/out: 60/40 inch/pounds (EN ISO 6272)

Bend test (Mandrel): 3 mm OK (EN ISO 1519)

Resistance to Salt Spray:

As a system : Excellent protection for at least 500 hours (EN ISO 7253)

(1 coat Nov.Primer 951 + 1 coat Boatlac/total dry film thickness ~105 µm)

Spreading rate

Dry film thickness per coat: 45±5 µm.

Spreading rate: 9±1 m²/Kg.

Application instructions

The surface must be completely clean and dry. Metal surfaces should be previously treated with the anticorrosive primer **NOVEPOX PRIMER 951** and wooden surfaces with the epoxy based primer **NOVEPOX PRIMER 960**. Polyester surfaces must be sand papered.

Mixing ratio: 3A:1B b.w.

Pot life: 3 hours (20-25°C) (EN ISO 9514).

Application method: Brush, roller, spray.

Diluent: S-1701.

Thinning: For application with brush or roller: Dilute 15-25% b.w. [Application viscosity: 35±5 sec (DIN 53211-70/4 mm, 20 °C)].

For spraying: Dilute 25-35% b.w. [Application viscosity: 18±2 sec (DIN 53211/4 mm, 20°C)].

Tools are cleaned immediately after the application with solvent S-1701, soap and water.

Drying time

Set to touch: ~ 5½ hours (ASTM D 1640).
Dry: > 8 hours.
Recoating time: ~ 24 hours.
Complete hardening: After 7 days.

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

Coating system

Before the application of **BOATLAC**, the metal surfaces are treated with the anticorrosive epoxy based primer **NOVEPOX PRIMER 951**.

Other systems may be applied, depending on the application.

Packaging

Component A is available in 0.75 Kg cans. Component B is available in 0.25 Kg cans.

Storage

1 year for Component A and B, 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 the application of the product at temperatures below 10°C, greater than 35°C and relative humidity higher than 70%.
- If after the application of **NOVEPOX PRIMER 951** or **NOVEPOX PRIMER 960** more than 24 hours elapse, it is recommended to sand paper the surface before applying **BOATLAC**.
- During the application, good ventilation is required.
- The cans of Component B must be kept sealed, because it hardens with humidity.
- Directive 2004/42/CE is not applicable to **BOATLAC**.

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