

# ULTRAXYL Ocean



## TECHNICAL DATA SHEET

### Description of the product

**ULTRAXYL OCEAN** is a **yacht varnish** for wood, based on modified polyurethane resins **with UV filters**. It is ideal for wooden structures exposed to intense humidity and sunshine, as well as for doors, windows etc. It is easy to apply and provides a flawless finish with excellent resistance against water, humidity, scratching and sunrays. Available in gloss, satin and mat finish.

### Recommended uses

ULTRAXYL OCEAN GLOSS: Ideal for the protection and decoration of exterior and interior wood constructions.

ULTRAXYL OCEAN SATINET & MAT: Ideal for the protection and decoration of interior wood constructions.

### Technical characteristics

**Resin:** Modified polyurethane

**Density:** GLOSS: 0.92±0.03 gr/ml (EN ISO 2811.01, 20°C)  
SATINET & MAT: 0.95±0.03 gr/ml

**Production Viscosity:** GLOSS: 80±10 sec (DIN 53211/4 mm, 20°C)  
SATINET & MAT: 115±15 sec

**Storage Viscosity:** GLOSS: 85±15 sec (DIN 53211/4 mm, 20°C)  
SATINET & MAT: 125±25 sec

**Solids b.w.:** 60±3%, depending on the finish (EN ISO 3251)

**Solids b.v.:** 51±3%, depending on the finish (ISO 3233)

**Flash point:** 44±2°C (EN ISO 1523)

**VOC (Volatile Organic Compounds):** **ULTRAXYL OCEAN** belongs to the category A/e SB (Interior/exterior varnishes). EU Limit Value: 400 g/l. The ready to use product contains max. 399 g/l.

### Shades

Available in transparent and in 58 shades via the tinting system **CHROMASYSTEM**.

### Properties

**Gloss:** GLOSS 20°: 88±2  
SATINET 85°: 60±10 (EN ISO 2813)  
MAT 85°: 25±10

**Scratch test:** 40±5 µm: 4±2 Nt, 24 hours (EN ISO 1518)  
100±5 µm: 14±2 Nt, 7 days

**Adhesion (Pull off on pitch pine):** 5±1 Nt/m<sup>2</sup> (A) (EN ISO 4624)

**Exposure to fluorescent UV & water** (EN ISO 11507)

(ULTRAXYL OCEAN GLOSS on pitch pine) (ELOT 854.4)

QUV/1000 hours: Cracking: 2-3 (S2)a Flaking: 0 (S0) 0 (ELOT 854.5)

**Bend Test (Mandrel):** 2 mm OK (EN ISO 1519)

### Spreading rate

**Dry film thickness per coat:** 40±5 µm.

**Recommended total dry film thickness:** 105±15 µm.

**Spreading rate:** 14±2 m<sup>2</sup>/Lt, per coat, depending on the type and the humidity of the wood.

### Application instructions

The wooden surface is thoroughly sandpapered and cleaned from dust. For decorating and preserving the wood, it is suggested to apply previously one coat of **ULTRAXYL**. **ULTRAXYL OCEAN** is applied at least after 5-8 days have elapsed from the application of **ULTRAXYL**.

**ULTRAXYL OCEAN** is applied in 2-3 coats. Each coat is applied after 24 hours have elapsed from the application of the previous coat and always after light sandpapering of the surface. For the better protection of exterior wooden surfaces it is recommended to apply 3 coats of **ULTRAXYL OCEAN GLOSS**.

**Application method:** Brush.

**Diluent:** CHROTEX Brush Solvent.

**Thinning:** Dilute up to 3% v/v.

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

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### Drying time

**Dust free:** 1½±½ hours (ASTM D 1640).

**Dry through:** 2½±½ hours.

**Recoating time:** After 24 hours.

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

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### Coating system

On new surfaces, before the application of **ULTRAXYL OCEAN** it is recommended to apply **ULTRAXYL TOTAL** for the protection of the surface from wood destroying insects and fungi.

*Other systems may be applied, depending on the application.*

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### Packaging

Available in 0.75 Lt and 2.5 Lt cans. **ULTRAXYL OCEAN GLOSS & SATINET** are also available in 0.375 Lt cans.

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### Storage

2 years, provided the cans remain closed and in normal storing conditions.

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### Health and safety

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

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### Notes

- **ULTRAXYL OCEAN SATINET** and **MAT** are **not** recommended for exterior use.
- For the protection of exterior wooden surfaces against wood destroying insects **ULTRAXYL TOTAL** may be used before the application of **ULTRAXYL OCEAN**. In that case, **ULTRAXYL OCEAN** is applied at least after 5-8 days have elapsed from the application of **ULTRAXYL TOTAL**.
- The degree of gloss may vary depending on the application, the type of wood and the dry film thickness.

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This issue replaces all previous ones*

