

ULTRAXYL Varnish



TECHNICAL DATA SHEET

Description of the product

ULTRAXYL VARNISH is a satin finish **wood stain** for exterior and interior use. It provides protection against fungi (rotting, blue stain, etc.). It permits the wood to «breath» and also **prevents** water and moisture to be absorbed. It offers **protection** against the destructive action of the UV sun rays and forms a velvet finish that does not peel off. It is characterized for its low odor.

Recommended uses

It is applied on exterior and interior wood surfaces such as windows, doors, furniture, fences etc.

Technical characteristics

Resin: Alkyd

Density: Colorless: 0.90±0.02 gr/ml, (EN ISO 2811.01, 20°C)
Shades: 0.92±0.03 gr/ml

Production Viscosity: 150±20 sec (DIN 53211/2 mm, 20°C)

Storage Viscosity: 155±25 sec (DIN 53211/2 mm, 20°C)

Solids b.w.: Colorless: 57±2.5%, Shades: 58±2.5% (EN ISO 3251)

Solids b.v.: Colorless & Shades: 50±3% (ISO 3233)

Flash point: 46±2°C (EN ISO 1523)

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

Shades

Available in clear and in 8 natural shades. All shades can be mixed.

Properties

Gloss 60°: 90±5 (EN ISO 2813)

Adhesion (Pull Off): ≥ 2 N/mm² (EN ISO 4624)

It contains UV filters and protects the wooden surface from UV radiation.

It protects the wood against fungi, such as: *Aspergillus Aureobasidium pullulans*, *Penicillium funiculosum*, *Ulocladium consortiale*.

Spreading rate

Spreading rate: 17.5±2.5 m²/Lt per coat, depending on the type and moisture of the wood.

Application instructions

The wooden surface must be clean from dust, oil resin and the moisture level of the wood must be low (not exceeding 17-25%). On new surfaces and in order to achieve protection against wood destroying insects (woodworm, termites, etc) apply first 1 coat of **ULTRAXYL**.

ULTRAXYL VARNISH is ready to use. The contents of the can must be well agitated before and during application. Apply 2-3 coats of **ULTRAXYL VARNISH** on new surfaces or 1 coat when repainting. If the surfaces to be coated are permanently exposed to the sun, it is recommended to apply 3 coats of **ULTRAXYL VARNISH**. The last coat should be colored.

Application method: Brush, spray.

Thinning: No thinning is necessary.

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

Drying time

Dry: 4½±½ hours (ASTM D 1640).

Recoating time: 24 hours.

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

Coating system

Before the application of **ULTRAXYL VARNISH** it is recommended to apply **ULTRAXYL**.

Other systems may be applied, depending on the application.

Packaging

The colored shades are available in 0.75 Lt cans. The colorless is available in 0.75 Lt and 2.5 Lt cans.

Storage

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

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.

Notes

- Agitate the product before and during use.
- After years, the surface can be easily recoated.

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This issue replaces all others.*

