

ULTRAXYL

TECHNICAL DATA SHEET



Description of the product

ULTRAXYL is an impregnating protective wood stain, for exterior and interior use. It provides protection **against fungi** (rotting, blue stain, etc). It penetrates deep into the wood pores and permits the wood to «breathe». It offers **protection** against the destructive action of the UV sun rays, rain and moisture by preventing water penetration.

Recommended uses

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

Technical characteristics

Resin: Alkyd

Density: Colorless: 0.83±0.02 gr/ml

Shades: 0.84±0.03 gr/ml

(EN ISO 2811.01-02, 20°C)

Production Viscosity: 55±10 sec

(DIN 53211-70/4 mm, 20°C)

Storage Viscosity: 55±10 sec

(DIN 53211-70/4 mm, 20°C)

Solids b.w: Colorless: 19±2.5%

Shades: 25.5±4%

(EN ISO 3251-03)

Solids b.v.: Colorless: 14±3%

Shades: 19±4.5%

(ISO 3233-98)

Flash point: 43±2°C

(EN ISO 1523-02)

VOC (Volatile Organic Compounds): **ULTRAXYL** belongs to the category A/h SB (Binding primers which impact hydrophobic properties and protect wood against blue stain). EU Limit Value: 750 g/l. The ready to use product contains max. 695 g/l.

Shades

Available in clear and in 13 natural shades. All shades can be mixed.

Properties

–It provides protection against fungi (rotting, blue stain, etc).

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

– It penetrates into the pores of the wood, does not form a film on the surface and so **ULTRAXYL** does not crack, flake off etc.

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

Spreading rate

Spreading rate: 13.5±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%). Surfaces already painted with old paints or varnishes must be treated with **CHROTEX REMOVER**, sand papered, washed and cleaned from dust.

ULTRAXYL is ready to use. The content of the can must be well agitated before and frequently during use. Apply **ULTRAXYL** in 2 coats. On new, bare wood first apply 2 coats of impregnating

preservative **ULTRAXYL TOTAL** for protection against wood destroying insects (termites, woodworm, etc). **ULTRAXYL OCEAN** or **ULTRAXYL GEL** can be applied after complete drying has occurred (at least 24 hours).

Method of application: Brush, roller, dipping, spray.

Thinning: No thinning is necessary.

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

Drying time

Dry: 3½±½ hours (ASTM D 1640-03).

Recoating time: 24 hours.

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

Coating system

Surfaces may be further painted with ULTRAXYL VARNISH or ULTRAXYL OCEAN.

Other systems may be applied, depending on the application.

Packaging

The colored shades are available in 0.75 Lt and 2.5 Lt cans. The colorless is also available in 5 Lt and 15 Lt cans.

Storage

3 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

- The colored shades of **ULTRAXYL** have better resistances to weathering and to UV rays.
- After years, the surface can be easily recoated.
- Color deviations during application may occur due to the type of wood painted and the nature of the colorcard.

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