

ULTRAXYL Aqua



TECHNICAL DATA SHEET

Description of the product

ULTRAXYL AQUA is a **water-based** impregnating protective wood stain for exterior and interior use. Due to its active ingredients, it **penetrates** into the pores of the wood and protects against **fungi**, rain, humidity and UV-rays. It reveals the natural beauty of the wood. It dries quickly and is practically odorless while applied.

Recommended uses

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

Technical characteristics

Resin: Acrylic emulsion

Density: Colorless: 1.02±0.02 gr/ml
Shades: 1.03±0.02 gr/ml

(EN ISO 2811.01, 20°C)

Production Viscosity: 50±10 sec

(DIN 53211/4 mm, 20°C)

Storage Viscosity: 50±15 sec

(DIN 53211/4 mm, 20°C)

Solids b.w.: Colorless: 19±2.5%
Shades: 25.5±3%

(EN ISO 3251)

Solids b.v.: Colorless: 17.5±3%
Shades: 23±3.5%

(ISO 3233)

pH: 8.5±0.5

(ISO 976)

VOC (Volatile Organic Compounds): ULTRAXYL AQUA belongs to the category A/h WB (Binding primers which impact hydrophobic properties and protect wood against blue stain). EU Limit Value: 30 g/l. The ready to use product contains max. 29 g/l.

Shades

Available in colorless, 5 natural shades and in shades via the tinting system **CHROMASYSTEM**. All shades can be mixed.

Properties

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

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

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

Spreading rate

Spreading rate: 18±2 m²/Lt per coat, depending on the type and moisture of the wood.

Application instructions

The wood surface must be clean from dust, oil, resin and the moisture level must be low (up to 18%). Surfaces already painted with old paints or varnishes must be treated with **CHROTEX REMOVER**, sand papered, washed and cleaned from dust.

ULTRAXYL AQUA is ready to use. It is applied in 1-2 coats on new surfaces or in 1 coat when repainting. For exterior wooden surfaces it is advised to apply 2 coats of colored. The content of the can must be well agitated before and frequently during use. For better protection of exterior wooden surfaces, it is recommended to apply first impregnating preservative **ULTRAXYL AQUA TOTAL**. The surface can remain as it is or **ULTRAXYL AQUA VARNISH** can be applied after 2-3 hours.

Application method: Brush, roller, dipping, spray.

Thinning: No thinning is necessary.

Tools are cleaned immediately after application with plenty of soap and water.

Drying time

Dry: 30±10 minutes (ASTM D 1640).

Recoating time: 1½±½ hours.

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

Coating system

Surfaces may be further painted with ULTRAXYL AQUA VARNISH.

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

1 year, 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 AQUA** have better resistances to weathering and to UV rays.
- After years the surface can be easily recoated.

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This issue replaces all previous ones*

