

Mipaxyl ALS

Technical data sheet

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Description

Intended use: Open-porous, satin gloss biocide-free glaze to colour finish woods in

interiors and exteriors. Suitable for windows, doors, timber cladding,

fences, wood panelling, wooden ceilings and furniture.

Properties: - breathable, long-term protection (ALS)

- resistant to UV and weathering

- biocide-free

- open-cell, moisture regulating, water-repellent

- free from aromatics

Content as per VdL Directive 01:

(Association of German paint in-

dustry)

Modified alkyd resins, inorganic pigments, aliphatic hydrocarbons, addi-

tives

Specification: Gloss level: satin gloss DIN 67 530

Specific weight: approx. 0,95 g/cm³ DIN 51 757

Viscosity: approx. 70 s (4 mm DIN) DIN 53 211

Colours: 1010 white 1035 pine 1060 teak

 1015 antic white
 1040 larch
 1065 mahogany

 1020 birch
 1045 maize yellow
 1070 nut brown

 1025 light oak
 1050 oak
 1075 rosewood

 1030 ash
 1055 driftwood
 1080 colourless

1105 chestnut 1110 walnut

All colours are intermixable. Use the colourless glaze only to brighten up dark colours of exterior coatings or as priming coat for heavily weathered woods. The weather resistance of the light-coloured glazes can be improved considerably by re-coating with Mipaxyl UV-Protection. Check the

colour before application.

Storage: 2 years, if the original container is kept closed, in cool, dry and frost-free

stores. Close tightly after use.

VOC-regulation: EU limit value for this product (cat. A/f): 700 g/l.

This product contains at most 640 g/l of VOC.

Application

Processing conditions: Do not apply at a substrate and ambient temperature below + 5 °C and

above +35° C or on warm substrates. Relative air humidity: max. 80 %

Suitable substrates: The substrate must be sound, clean, dry and free from substances which

may interfere with adhesion (wax, grease, polish, etc.). Wood moisture

must not exceed 15%.

Application mode: brushing

Dilution: ready for use. If necessary thin with Mipa KH-Verdünnung.

Drying dust dry: 2 - 3 hours

(23 °C / 50 % R.H): recoatable after 12 - 16 hours.

Lower temperatures, high air humidity and content rich woods extend the

drying time.

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Wood construction compo- First coating: nents in exterior use:

- 1. impregnation with Mipaxyl Spezial
- 2. priming coat: Mipaxyl ALS
- 3. intermediate coat: Mipaxyl ALS
- 4. finishing coat: Mipaxyl UV-Protection (for dimensionally stable construction elements)

Renovation coating over intact old paintworks:

- 1. sand slightly weathered surfaces and clean thoroughly
- 2. priming coat: Mipaxyl ALS
- 3. finishing coat: Mipaxyl ALS or Mipaxyl UV-Protection (for dimensionally stable construction components)

Renovation coating over old, damaged paintworks:

Remove mechanically the old paint layer or use alternatively Mipa Quick Plus stripper liquid and clean thoroughly with Mipa KH-Verdünnung. Further processing as described under "first coating".

Wood construction compo- First coating:

nents in interior use:

1. priming coat: Mipaxyl ALS 2. intermediate coat: Mipaxyl ALS 3. finishing coat: Mipaxyl ALS

Renovation coating

- 1. ground down weathered surfaces to the sound wood and clean thoroughly
- 2. priming coat: Mipaxyl ALS 3. finishing coat: Mipaxyl ALS

It is recommended applying an additional finishing coat to heavily stressed surfaces.

Spreading rate:

14 - 18 m²/l per layer, depending on the absorptivity of the wood.

Special notes

During the application process wear protective clothing and keep away from wood. Protect the adjacent areas. Stir well before use. Apply and spread Mipaxyl ALS uniformly in order to avoid spotting and shiners caused by varying coat thicknesses.

Due to the system, a discolouration of the container may occur during the storage, which is not a quality defect.

The final shade arises basically from the inherent colour of wood, the applied quantity, the colour shade of the impregnation and from the colour shade of finishing glazing (see colour chart). In order to assess the final shade it is recommended to make a test application on the original wood applying the selected coat-

To ensure identical colour shades apply only products with the same batch number on a surface!

In order to assure a good weather-resistance apply two coloured layers. The best weather-resistant properties are shown by middle colour shades; colours which are too bright or too dark should not be applied in case of extreme weather conditions.

If a renewing without colour consolidation is required, use Mipaxyl UV-protection because of its additional UV protection.

Periodical and professional maintenance are essential for the serviceability and life period of the treated wood parts.

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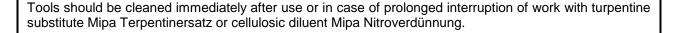
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Safety advises/ First aid measures

During work with Mipaxyl ALS do not smoke and exclude sources of ignition. Protect eyes and sensitive skin against paint splatters. Wash paint splatters immediately away with sufficient clear water. Consider general hygienic rules. Keep out of reach of children. Follow the processing instruction and apply only where it is absolutely necessary. Abuse may affect human health or environment. If accidentally swallowed, seek medical advice and show this container or label. Give first aid to the casualty and assure fresh air ventilation.

Cleaning of tools



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