

**Product Information**

**Product description**

**Operational sector :** Water-borne wood preservative stain based on alkyd resin for the protection and colour refinement of local and tropical deciduous or conifer wood. Versatile application for interior and exterior, including window frames and doors.

**Features :**

- long-term protection against weathering and UV radiation
- regulating the natural moisture of the wood (damp absorbent - permeability to water vapour), very effective water repellent
- complies with requirements of EN 71-3 (Migration of Certain Elements) and DIN 53 160 (colour fastness to saliva and sweat)
- free from fragrances and plasticiser according to 2009/48/EG (Toy Safety Directive)

**Composition according to VdL Directive 01 :** Alkyd resins, organic and inorganic pigments, water, glycols, additives, preservative

**Colour availability :**

1010 white	1035 pine	1060 teak
1015 antic white	1040 larch	1065 mahogany
1020 birch	1045 corn yellow	1070 walnut-tree
1025 light oak	1050 oak	1075 rosewood
1030 ash	1055 floated wood	1080 colourless

All colours can be each other mixed in every desired ratio.  
Apply Mipa WBS Holzlasur colourless outdoor only for lightening of a dark colour or as base coat on heavy damaged wood. The dark shades are more resistant to weathering than the light ones.

**Specification :**

Gloss degree:	satin gloss	DIN 67 530
Density:	1.03 g/cm <sup>3</sup>	DIN 51 757
Viscosity:	32 s 6 mm	DIN 53 211
pH-Value:	8.5	DIN 53 785

**Storage :** At least 2 years, if the tightly closed original packages are kept dry, protected against frost. Storage temperature: from +5°C till maximum +30°C.

**VOC regulation:** EU limiting value for the product (cat. A/f): 150 g/l (2007)/130 g/l /2010). This product contains max. 99 g/l VOC [ 0,3 lbs/gal]

**Application**

**Processing Conditions :** Do not apply below + 5 °C and above + 35° C temperature of the object or the environment. Avoid direct sunlight and strong wind. Relative air humidity: max. 80 %

**Suitable substrates:** New, dried, untreated wood or old, damaged wood. Especially suited for windows and doors. Wood moisture: max. 15 %.

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

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<b>Substrate treatment :</b>	The substrate should be sound and firm, clean and dry, free of oil, dust and grease. Old, intact layers of paint should be cleaned and could be recoated without any special treatment. Remove old, damaged coatings. For exterior use, apply first a groundcoat with Mipa WBS Holzschutzgrund (water-borne). Do not use a primer based on solvents.
<b>Dilution :</b>	By strong absorbent substrates, apply a first coat diluted with about 15 % water. Otherwise, apply unthinned. The existing colours can be brighten by using Mipa WBS Holzlasur colourless.
<b>Application process :</b>	Apply draughty, by using a soft brush. Profile boards should be treated one by one. Spraying Airless or low pressure.  <b>Spraying (Airless)</b> Pressure: 40 - 60 bar Nozzle: 0,23 - 0,43 mm Dilution: - Spraying operations: 1  <b>Low pressure (XVLP)</b> Spray head: FineSpray Air volume: Max. Material volume: 10 Dilution: -
<b>Recommendation for exterior use :</b>	Lightening of the colours by using Mipa WBS Holzlasur colourless may influence the UV protection. For exterior use, a priming coat with Mipa WBS Holzschutzgrund is necessary.
<b>Drying :</b>	Set to touch and recoatable after approx. 6 - 8 hours. Lower temperatures, higher humidity or poor absorbent wood species will prolong drying.
<b>Consumption :</b>	10 - 12.5 m <sup>2</sup> / litre per operation, dependable on the absorbency of the substrate:

### Special remarks

Stir well before use! Protect against rust the neighbouring metal parts. Apply Mipa WBS Holzlasur in continuous coats to obtain an optically attractive surface of even colour and gloss. The actual colour effect depends on the type of timber and streaks in wood. That's why a test coat on the object is the best guarantee. Please see also the BFS-Merkblatt Nr. 18.

### Safety instructions

Mipa WBS Holzlasur is slightly alkaline. Protect eyes and sensitive skin against the colour splashes. Wash away the drops with sufficient clear water. Consider general hygienic rules. Keep away from children.  
Do not allow to enter drains, sewers or water courses. Provide adequate ventilation during and after use of the product. Avoid breathing vapour.

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### Cleaning of tools

Tools should be cleaned immediately after use or after long delays with water. Wash immediately with water all splashes or drops. Dried films could be cleaned with paint remover Mipa Abbeizmittel.

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