

## Technical data sheet

### Description

<b>Intended use:</b>	Waterborne wood glaze with triple UV protection to increase the weathering protection glazes and woods. Suitable for domestic as well as tropical woods in exterior and interior areas used for both dimensionally stable (e.g. windows, doors) and non-dimensionally stable wood components (e.g. boarding, fences, wall and ceiling elements). The high degree of transparency generates a brilliant glaze appearance, and permanently preserves the natural colour of the wood.	
<b>Characteristics:</b>	<ul style="list-style-type: none"> <li>- extremely high UV resistance and UV absorptivity</li> <li>- moisture regulating (water vapour permeable)</li> <li>- biocide-free, can be thinned with water, low-odour</li> <li>- fulfils the requirements according to EN 71-3 (Migration of certain elements) and DIN 53 160 (resistant to saliva and sweat)</li> <li>- free from fragrances and plasticiser according to 2009/48/EC (Safety of toys)</li> </ul>	
<b>Content as per VDL Directive 01:</b> (Association of German paint industry)	Alkyd resin, inorganic pigments, water, glycols, additives, preservatives	
<b>Colours:</b>	colourless	
<b>Specification:</b>	gloss level:        matt	DIN 67 530
	specific weight: 1,03 g/cm <sup>3</sup>	DIN 51 757
	viscosity:        40 s (4 mm)	DIN 53 211
	pH value:         8,5	DIN 53 785
<b>Storage:</b>	for at least 2 years in unopened original containers. Store in a dry and frost-free place at a temperature between +5 °C and max. +30 °C.	
<b>VOC regulation:</b>	EU limit value for this product (cat. A/f): 130 g/l of VOC. This product contains max. 99 g/l of VOC.	

### Application

<b>Processing conditions:</b>	Do not apply at an object and ambient temperature of below + 5° C and above 35° C or at direct sunlight or high wind. Relative air humidity during the application: 75%.
<b>Suitable substrates:</b>	Dry, untreated woods (planed, sanded, rough-cut) as well as old woods in need of renovation. Especially suitable for windows and doors. Wood moisture must not exceed 15%.
<b>Substrate preparation:</b>	<p>The substrate must be clean, dry, solid and free from oil, dust and grease. Sand smooth wood surfaces in the direction of the grain, clean thoroughly and remove escaping wood ingredients (resin pockets). Sharp edges should be rounded off.</p> <p>Intact old paintwork must be cleaned and slightly sanded. Defect coatings must be removed.</p> <p>In exterior areas, a pre-treatment with Mipa WBS Holzschutzgrund Premium is recommended. A pre-treatment with solvent-based primers is not recommended.</p>

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.

**Dilution:** In case of very absorbent woods, dilute the first coat with approx. 15% of water. Otherwise, use only undiluted.

**Application method:** brushing, spraying (also airless)

### Wood components in outdoor areas (windows, doors, etc.)

#### Protection against yellowing or preservation of the natural wood colour

1. impregnation: Mipa WBS Holzschutzgrund Premium
2. priming coat: Mipa WBS UV-Protection or Mipa WBS Holzlasur
3. intermediate coat: Mipa WBS UV-Protection
4. finishing coat: Mipa WBS UV-Protection

#### Renovation coating on old paintworks

1. slightly sand weathered surfaces and clean thoroughly
2. priming coat: Mipa WBS Holzschutzgrund Premium
3. intermediate coat: Mipa WBS UV-Protection or Mipa WBS Holzlasur
4. finishing coat: Mipa WBS UV-Protection

### Wood components in indoor areas

#### Protection against yellowing or preservation of the natural wood colour

1. priming coat: Mipa WBS UV-Protection or Mipa WBS Holzlasur
2. finishing coat: Mipa WBS UV-Protection

**Drying time:** Dust dry after 45 minutes; dry on surface or recoatable after approx. 3-4 hours. Lower temperatures, high air humidity or low absorbent woods (higher coat thickness) extend the drying time.

**Spreading rate:** Depending on the absorptivity of the wood 10 - 12,5 m<sup>2</sup>/l per coat. In case of rough-cut woods, the spreading rate may be higher.

### Notes

Stir well before use. Pre-treat adjacent metal parts with anticorrosion products. Apply and spread Mipa WBS UV-Protection uniformly, to avoid spotting and shiners caused by varying coat thicknesses. Resin flow cannot be prevented by painting.

The colour impression depends on the type of wood and grain to be treated. Therefore, a trial coat should always be applied to the respective type of wood. Observe BFS-Merkblatt Nr. 18!

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**Safety advice**

Mipa WBS UV-Protection is slightly alkaline. Protect eyes and sensitive skin against paint splashes. Immediately wash off paint splashes with plenty of clean water. Observe general rules of hygiene. Coatings must be kept out of reach of children. Do not empty into drains, aquatic environments or soils. Ensure during and after the application an adequate air ventilation. Do not inhale spray mist.

**Cleaning of tools**

Clean tools immediately after use with water. Remove spray mists with water. Dried films can be removed with paint strippers.

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