

**Product description**

**Operational Sector :** Water thinnable, one component base coat designed for use where good barrier properties are essential. It provides good sap stain insulation to a wide range of wood substrates.

**Features :**

- water thinnable, low odour
- safety insulation of sap-stain (for example larch, teak, a.s.o) nicotine and water stains which could influence the shade of the top coat
- water-borne product, therefore environment friendly
- 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)

**Content as per VdL Directive 01 :** Alkyd resin, inorganic pigments, silicate fillers, water, additives, preservation agent.

**Colour availability:** old white

**Specification :**

Gloss degree:	mat	<b>DIN 67 530</b>
Spec. weight:	approx. 1.6 kg/l	<b>DIN 51 757</b>
Viscosity:	thixotrope	
pH-value:	6 - 7	<b>DIN 53 785</b>

**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 content :** EU limiting value for the product (cat. A/g): 30 g/l  
This product contains max. 28 g/l VOC [ 0.23 lbs/gal]

**Application**

**Processing conditions :** Can be applied satisfactorily at a relative humidity of up to 75% and at substrate and environment temperatures more than 10° C

**Substrate preparation :** Ensure the substrate is in good condition, firmly adhering, dry, and free from oil, wax and grease. Remove damaged, not adhesive old layers of paint. Sand the surface in the fibre direction. Apply Mipa WBS Holzschutzgrund Premium on new untreated wood outdoors. Sand thoroughly the existing coating and blow off all dust. Round the sharp edges. Please, see also BFS Merkblatt 18.

**Dilution :** Water

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.

**Application :** Apply Mipa WBS Isoliergrund by brushing, rolling or spraying. Stir thoroughly before use.  
When treating wood species with a high content of sap, a colour change can occur by the first coating. This will be bond by the coating film. By an extremely high content, an insulation of the surface by a second ground coat is recommended for best results. A test coat on the object is the best guarantee. Keep at least approx. 3 - 4 hours drying time between the coatings.

**Rolling and Brushing :** dilute with 0 - 5 % water

<b>Spraying :</b>	<b>Spraying pressure</b>	<b>Spraying nozzle</b>	<b>Dilution</b>
Air / Flowjar	2.5 - 3.0 bar	1.8 - 2.0 mm	10 - 15% water
Airmix / Airless	120 - 150 bar	0.28 - 0.33 mm	5 - 10% water

**Drying times :** Note that drying times will strongly depend on film thickness, temperature and relative air humidity.  
firm to touch: approx. 1 hour  
over-coatable: approx. 24 hours

Overcoating should only be performed when the treated surface is completely dry.

**Top coat :** Areas primed with Mipa WBS Isoliergrund can be over coated with customary one component water based paints and varnishes after approx. 24 hours (20 °C, 50 % relative air humidity).

**Consumption :** 8 m<sup>2</sup> / liter

### **Special recommandantions**

Stir well and strain before Airless application.

### **Cleaning of tools**

Tools should be cleaned with water immediately after use or after long breaks. Spray dust have to be cleaned immediately with water. Dry film could be removed with Mipa Abbeitzmittel (paint remover).

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.