

### Product description

<b>Operational Sector :</b>	Mipa WBS 2K-PU Fußbodensiegel is a water thinnable, high abrasion resistant 2K-sealing coat based on polyurethan resin, of excellent UV resistance, for the interior use. Optimal use as finishing coat for prolonged protection of floors treated with Mipa WBS 2K-EP Fußbodenfarbe and Colorchips. Do not use for floors under permanent water contact.		
<b>Features :</b>	<ul style="list-style-type: none"> <li>- high abrasion resistance, can be driven on by fork</li> <li>- high impact and scratch resistance</li> <li>- high build</li> <li>- resistance to plasticizers</li> <li>- excellent ultra-violet light resistance</li> <li>- resistant against diluted acid and lyes, water, oils, petroleum, thaw salt. Not suitable for permanent loading (tanks, capture bath)</li> </ul>		
<b>Content as per Vdl Directive 01 :</b>	Aliphatic polyester, water, additives, preservative		
<b>Colour availability :</b>	colourless; when blended with WBS PU-Härter: milky white		
<b>Specification :</b>	Grade of gloss: approx. 75 - 85% /60°	<b>DIN 67 530</b>	
	Viscosity: approx. 60 - 70 s 4 mm	<b>DIN 53 019</b>	
	Specific weight: approx. 1.0 g/cm <sup>3</sup>	<b>DIN 51 757</b>	
<b>Storage :</b>	At least 2 years, if the tightly closed original packages are kept dry, protected against frost. Storage temperature: from +5°C till max +30°C.		
<b>VOC content :</b>	EU limiting value for the product (cat. A/j): 140 g/l This product contains max. 139 g/l VOC [ 1.16 lbs/gal]		

### Application

<b>Processing conditions :</b>	From + 10 °C and up to 70 % relative air humidity. Optimal conditions: air temperature: 20 - 25° C; object temperature >15° C, relative air humidity: 40 - 60 %; air speed: > 0.4 m/s;
<b>Substrate features :</b>	Dry, clean, solid, free from oil, rust, grease and loose parts. Remove cement slag, separation products, a.s.o. Seal the surface against ascending moisture.
<b>Substrate treatment :</b>	<b>New coating:</b> Base coat: Mipa Tiefgrund LF Intermediate coat: Mipa WBS 2K-EP Fußbodenfarbe (additional novel effects may be created by interspersing with Colorchips) – comprehensive instructions are given in the corresponding Product Informations.

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.

**Product Information**

**Build up of coats on old substrate:**

Remove all traces of 1K-coatings or loose parts of 2K-coatings. Firmly adhering 2K-coatings have to be cleaned and sanded

**Mix ratio :**

Mix thoroughly 4 parts by weight Mipa WBS 2K-PU Fußbodensiegel with 1 part by weight WBS PU-Härter.

**Application process :**

**Brushing and rolling:** dilute 5 - 15 % with water

**Spraying:** dilute 15 - 20 % with water

**Spraying (Air):**

Viscosity : 18 - 24 s 4mm DIN

Nozzle : 1.5 - 1.8 mm

Pressure : 3 - 5 bar

**Spraying (Airless):**

50 s 4 mm DIN

0.28 - 0.33 mm

120 - 150 bar

**Dilution :**

Tap water

**Drying times :**

Dust dry: 60 min.; set to touch: 6 - 8 h;

Can be tread on: after approx. 1 day;

Mechanically loadable: after approx. 3 days;

Can be driven on by fork lifts and chemically complete loadable: after approx. 7 days.

**Pot life :**

The product remains workable for approx. 2 hours

**Attention:**

The end of the pot life is not connected with a gradual increase of the viscosity. The adhesivity as well as the chemical and mechanical resistance will be diminished by using a product longer than its pot life.

**Top coat :**

1. coat: Mipa WBS 2K-PU Fußbodensiegel unthinned

2. coat: Mipa WBS 2K-PU Fußbodensiegel unthinned

Recoat: at the earliest 8h and at the latest 48h.

In case of excess of 24 h renewed sanding of the surface would be necessary.

Film thickness more than 100 µm is not allowed.

**Consumption :**

Approx. 5 m<sup>2</sup> / kg ( by a dry film thickness of 50 µm ).

**Special recommendations**

The substrates spread with Colorchips are not suited for garages and warehouses.

**Cleaning of tools**

Tools should be cleaned immediately after use with water or warm soap solution. By longer breaks, an intermediate cleaning is recommended.

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