

Product description

Intended use:	Mipa Betonacryl is a ready to use one-component solvent-based coating for floors and walls with normal loads, like for example cellars, stairs, balconies, storerooms and workshops.		
Properties :	Good adhesion, good weather resistance, resistant to machine-oils, waxes, greases, cleaning agents, water as well as saline solutions, acids and alkalis in low concentration. Not resistant plasticisers, not adapted to forklift traffic.		
Binder base :	Acrylic resin		
Colours :	RAL 7032, RAL 7001		
Specification :	Gloss level:	satin-gloss	DIN 67 530
	Spec. weight:	about 1,3 g/cm ³	DIN 51 757
	Viscosity:	170-180 s 4mm DIN	DIN 53 211
Storage :	at least 3 years in unopened original container		
VOC Regulation:	EU limit value for this product (cat. A/i): 600 g/l (2007)/ 500 g/l (2010) This product contains maximum 500 g/l of VOC.		

Application

Processing conditions :	From + 10 °C and until 80 % of relative air humidity. The substrate temperature must be minimum 3°C above the dew point temperature.
Suitable substrates :	Absorbent, mineral substrates like concrete, screed, plaster, wall with no water exposure. The substrate must be cleaned, dried, solid and free from substances that may affect the adhesion. The maximum substrate moisture should not exceed 5%. The minimum bond strength should be higher than 1N / mm ² .
Substrate quality :	The substrate must be cleaned, absorbent, dry, solid and free from substances that may affect the adhesion (such as oil, grease, paraffin, rubber marks, wax, release agent). It should be neither powdery nor friable und must be sealed against ascending humidity and be at least one month old.
Laitance or brittle, non-adherent layers	Check the adherence by scratching with a sharp device or a needle at different spots! Often there is a brittle layer just 1mm underneath a thin hard surface. This coating must be removed mechanically or by acid washing (10% of hydrochloric acid, then wash again with clear water) to a solid substrate!
Mechanical removal:	Sandblasting, using a floor grinder or a wire cup brush. High-speed abrasion is unfavourable (closing pores).

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.

Dense Concrete Surfaces (smooth, hard and almost 'shiny'):

Test the absorbency by scratching and wetting at different spots. Only the scrapes become darker (indicates the absorption) and the area around the scratches show no absorption or dark colour. These dense layers must be removed mechanically or by acid washing (10% of hydrochloric acid, then wash again with clear water) until perfect absorbency is achieved (with humidification becomes immediately darker).

Oil, grease, wax, and residues of soapsuds:

Wash by using a cleaning agent (do not use products which contain care additives such as wax, silicone, a.s.o.), and repeat the operation if necessary. Sometimes deep penetrated substrates are impossible to clean. Remove by milling heavily contaminated areas and renew.

The pores have to be open and free of dust:

Clean the surface by using a powerful industrial vacuum cleaner. This is particularly important when the floor has been treated mechanically. Clean or sand slightly well adherent 1K and 2K-coatings, as old plasticiser-free dispersion paint. Test compatibility (on a sample area). Damaged coatings must be removed completely.

Proposed coating structure :

On slightly sanded, strong absorbent surfaces for indoor areas, apply Mipa Tiefgrund LF, for outdoor areas: Mipa Tiefgrund LH

Application mode :

Paint brush and roller

Thinner :

Ready to use , if required Mipa Verdünnung UN or UN 21

Drying time :

4 - 6 h at 20 °C between applications of the individual coats.

Consumption :

Approx. 9 m²/l. the consumption is depending on the coating thickness and the roughness of the substrate.

Special notes

In case of applications on larger surfaces ensure to use only material from the same batch or intermix different badges from the beginning.

Safety instructions

Keep out of the reach of children. Avoid contact with eyes. In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water. If swallowed, seek medical advice immediately and show this container or label

Cleaning of tools

Clean tools immediately after use or in case of longer interruption with Mipa Nitroverdünnung.

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