RINOL*PU-P201*

ONE COMPONENT PU PRIMER

1 General data

Product description / Application

RINOL PU-P201 is a colourless, brownish transparent, ready-to-use, solvent-based 1-component adhesion primer made of high-quality polyurethane resin.

RINOL PU-P201 hardens through the release of solvents and cross-links with the absorption of moisture to form a wear-resistant film with very high impact resistance. The already existing yellowish colour is intensified by UV radiation. RINOL PU-P201 shows good through-hardening and weather resistance.

RINOL PU-P201 is used as an adhesion promoter for EP and PU coatings. RINOL PU-P201 can also be used on wood and steel substrates.

2 Installation instructions

Substrate preparation

The substrate must be clean, dry, grease-free and absorbent. Pores in the concrete and screed must be open. If necessary, mechanically open up the surface. New concrete and screed substrates should be at least 28 days old. Steel surfaces should be roughened (e.g. by sandblasting).

Ensure that no substances containing silicone or other substances that may interfere with the reaction come into contact with RINOL PU-P201 before and during the curing phase.

Application

RINOL PU-P201 is applied with a brush, roller or spray gun (respirator mask). The consumption should not exceed 250 ml/m² for absorbent substrates and 100 ml/m² for non-absorbent substrates in order to ensure good curing and to prevent the solvent from becoming trapped in the substrate. Puddling should generally be avoided. For less porous substrates, we recommend using RINOL PU-P201 for the first coat in undiluted form; depending on the object conditions, it can be diluted with PU Thinner. If necessary, the last coat should generally be applied thinned.

As RINOL PU-P201 cures by releasing the solvent (strong odour) and by cross-linking with moisture, RINOL PU-P201 should always be used in well ventilated rooms and only above + 8°C.

RINOL PU-P201 cannot be used on bituminous and non-solvent-resistant substrates. Do not use RINOL PU-P201 in living areas and neighbouring rooms. RINOL PU-P201 is usually applied only once. After a flash-off time of 0.5-4 hours (depending on temperature and humidity) further coating can be applied.

Protective measures

For information on handling the product, please refer to the valid safety data sheet and the guidelines of the chemical industry on handling coating materials (M004/M023). Suitable protective clothing and safety goggles must be worn during processing.

Skin contact with liquid resins can lead to health problems and allergies.

Technical data		
Liquid mixture (A+B)		
1	Container size (1-component container)	5 litre container
2	Colour	Brownish-transparent
3	Shelf life / storage	6 months at 5-20°C, in unopened container, in any case (also during transport) protect from frost and direct sunlight

Technical data		
Liquid mixture (A+B)		
1	Density (20°C)	approx. 0.98 g/cm³
2	Processing time (20°C)	approx. 20 minutes
3	Processing / material and room temperature	from + 8°C
4	NCO content	approx. 6 %
5	Material consumption	approx. 100 ml/m² (non-absorbent substrate)
6	Drying time	approx. 0.5 - 4 hours, depending on temperature and humidity
7	Subsequent coating	after min. 6 hours (wait until tack-free)

Notes

Due care has been taken in compiling the technical data for the company's products. However, all recommendations or suggestions made with regard to the use of these products are made without guarantee, as the conditions under which they are used are beyond the company's control. It is the responsibility of the customer to check whether the products are suitable for the respective application and whether the conditions of use are appropriate for the respective product. No liability claims can therefore be derived from the product data sheet.

We would also like to point out that only the latest version of the data sheet is valid and replaces all older data sheets. The technical data given are approximate values determined by us and do not constitute a guarantee of properties. Misprints, errors, translation errors and changes reserved. Please note that the information in the system data sheets of the different languages / countries may differ. Further information can be found on our website at www.rinol.com

Consumption quantities, processing time, walkability and achievement of load-bearing capacity are temperature and object-dependent.

The technical data sheet does not exempt the user from carrying out his own tests - if necessary, within the scope of his possibilities - with regard to applicability. Please refer to the RINOL Technical Guide for layer structure options and more detailed information on the installation of RINOL products.

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Important note

In addition to the ambient temperature, the floor temperature is of decisive importance. Chemical reactions are generally delayed at low temperatures. This extends the recoating and walkability times. The higher viscosity of the products also increases material consumption. At higher temperatures, the chemical reactions are shortened and the recoating and walkability times are reduced.

Always protect against the effects of moisture from the rear and from pressure, even during use.

Legal information:

Due to the different materials, substrates and deviating working conditions, RCR Flooring Products cannot guarantee a work result or accept any liability for whatever reason and / or legal relationship. In addition, the latest general terms and conditions of RCR Flooring Products Italia S.r.l. apply, which can be requested from us or viewed and printed out at www.rinol.it. We expressly reserve the right to make changes to the product specifications.

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