



1 General data

Product description / Application

RINOL PU-P215 is a colourless, ready-to-use, solvent-free, universally applicable 2-component primer made of high-quality synthetic resins for all RINOL polyurethane resin coatings (except RINOLCRETE).

After mixing with the corresponding hardener, RINOL PU-P215 shows good penetration into the substrate due to its low viscosity. The adhesive pull-off strength reaches values $> 1.5 \text{ N/mm}^2$ (fracture in concrete) with appropriate substrate pre-treatment.

2 Laying instructions

Substrate preparation

The substrate must be sufficiently stable. We recommend a minimum strength corresponding to concrete B25 or screed strength class ZE, ME, AE30. The substrate must have an adhesive tensile strength of at least 1.5 N/mm^2 .

It must always be checked whether the substrate is open-pored, porous or similar, as in these cases 2 or more work steps are usually required to achieve optimum pore sealing. Pore sealing must always be ensured to prevent the formation of bubbles in the subsequent layers. In individual cases, a test surface must be created. This also applies to highly absorbent and/or porous substrates.

The substrate should be shot-blasted. It must also be free of oily, greasy or release agent-containing contaminants, loose particles, etc. Cracks and cavities must be properly removed beforehand. It must also be ensured that there is no rising/pressing moisture.

Ensure that no substances containing silicone or other substances that may interfere with the reaction come into contact with RINOL PU-P215 before and during the curing phase.

Processing

Before processing, the material must always be warmed to at least ambient temperature (room and floor temperature).

The B-component container must be emptied completely into the A-component container. After mixing with a suitable electric stirrer (approx. 3-4 min), the mixture is decanted and stirred again briefly.

The primer is then poured in portions onto the surface to be coated and spread with a chewing trowel or rubber scraper. The primer must be applied in a film-forming and non-porous manner.

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 application.

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

Technical data		
Liquid mixture (A+B)		
1	Container size (2-component container)	25 kg container
2	Colour	colourless
3	Shelf life / storage	6 months at 5-20°C, in unopened container, protect from frost and direct sunlight in all cases (including during transport)

Technical data		
Liquid mixture (A+B)		
1	Density (20°C)	approx. 1.2 g/cm^3
2	Processing time (20°C)	approx. 20 minutes
3	Processing / material and room temperature	12-25°C (at least 3 degrees above the dew point even during installation and curing)
4	Material consumption	approx. $300-500 \text{ g/m}^2$
5	Walkability (20°C)	after approx. 18-24 hours
6	Subsequent coating (20°C)	Within 18-24 hours
7	Rel. air humidity	$< 75\%$ (during the entire laying and curing phase)

Technical data		
Cured material		
1	Adhesive peel strength (DIN ISO 4624)	$> 1,5 \text{ N/mm}^2$

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

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UNIVERSAL PRIMER FOR PU COATINGS

RINOL

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.

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 on the back and pressure, even during use.

Legal information:

Due to the different materials, substrates and deviating working conditions, no guarantee of a work result or liability can be assumed by RCR Flooring Products 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.

CE labelling:

DIN EN 13813 "Screed mortars, screed compounds and screeds - Properties and requirements" (Jan. 2003) specifies requirements for screed mortars used for indoor floor constructions.

Synthetic resin coatings and sealers are also covered by this standard. Products that comply with the above standard must be labelled with the CE mark.

Synthetic resin screed/coating for interior use in buildings (structures according to technical data sheets)	
Fire behaviour:	NPD ²
Water permeability:	NPD ²
Wear resistance (Abrasion Resistance):	NPD ²
Tensile bond strength:	B 1,5
Impact resistance	IR 4
Impact sound insulation:	NPD ²
Sound absorption:	NPD ²
Chemical resistance:	NPD ²

- 1) the last two digits of the year in which the CE marking was affixed
- 2) NPD = No Performance Determined; characteristic value not specified


CE marking: 1504-2

Floor systems that are subject to mechanical stresses and whose products comply with DIN EN 1504-2 must also fulfil the requirements of DIN EN 13813.

DIN EN 1504-2 "Products and systems for the protection and repair of concrete structures - Part 2: Surface protection systems for concrete" specifies the requirements for the surface protection methods "hydrophobic impregnation", "impregnation" and "coating". If required, the corresponding data sheet can be requested.

EU Regulation 2004/42 (Decopaint Directive):

The maximum VOC content permitted in EU Regulation 2004/42 (product category IIA / j type sb) when ready for use is 500g/l (limit 2010). The maximum content of RINOL PU-P215 in ready-to-use condition is <500g/l VOC.

 RCR Flooring Products Italia S.r.l. Via Chiarugi 76/U I-45100 Rovigo
05 ¹ EN 13813 SR-B1,5-IR4
1119-CPR-0833 09 EN 1504-2