



1 General data

Product description / Application

RINOL EP-P260 is a solvent-based 2-component rust protection primer based on high-quality epoxy resin. After mixing with the corresponding hardener, RINOL EP-P260 is used as an adhesion or rust protection primer for iron and steel parts.

The product protects the iron against acid splashes and corrosive solutions (e.g. in rolling mills, refineries etc.) It is also suitable for coating vertical metal surfaces.

2 Installation instructions

Substrate preparation

The substrate must be well sanded. Coarse impurities must be removed beforehand. In addition, the substrate must be clean and free of oily, greasy or release agent-containing contaminants.

RINOL EP-P260 is applied directly to the iron or steel parts or an industrial coating in a single operation, i.e. an extra primer is not required.

Care must be taken to ensure that no silicone-containing or other reaction-interfering substances come into contact with RINOL EP-P260 before and during the curing phase.

Application

The product is supplied in matched quantities in 2-component containers. Before processing, the material must always be warmed to at least ambient temperature (room and floor temperature).

The B-component must be stirred thoroughly and then emptied completely into the A-component. Both components are mixed homogeneously with an electric agitator for at least 1 - 2 minutes, repotted and stirred again briefly. Avoid stirring in air. The material is applied with a brush, a roller or, after adding solvent, with a spray gun (airless).

The surface structure can be changed by adding solvent (max. 2%).

Recoating

When recoating up to 24 hours after installation, the coating does not need to be sanded. Subsequent reworking is only possible after careful sanding.

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.

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

Technical data		
Liquid mixture (A+B)		
1	Container size (2-component container)	5/25 kg container
2	Colour	Oxide red
3	Shelf life / storage	12 months at 5-20°C, in any case (also during transport) frost-free, protect from direct sunlight

Technical data		
Liquid mixture (A+B)		
1	Density (20°C)	approx. 1.10 g/cm ³
2	Processing time (20°C)	approx. 15 - 20 minutes
3	Processing / material and room temperature	15 - 25°C (min. 3 degrees above dew point also during laying and curing)
4	Material consumption	approx. 100 - 300 g/m ²
5	Walkability (20°C)	after approx. 5 - 8 hours
6	Subsequent coating (23°C)	within 5 - 18 hours
7	Rel. air humidity	< 80% during the entire laying and curing phase

Technical data		
Cured material		
1	Adhesive peel strength (DIN ISO 4624)	> 1,5 N/mm ²
2	Shore D hardness (DIN 53505 / ASTM D2240)	90

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

EP resins are generally not colour-stable in the long term under UV and weathering influences. Chemically and mechanically stressed surfaces are subject to wear and tear due to use. Regular maintenance is recommended. Consumption quantities, processing time, walkability and achievement of load-bearing capacity depend on temperature and object.

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 appli-

RINOLEP-P260

CORROSION PROTECTIVE PRIMER FOR METAL SURFACES

RINOL

capability. 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.

The material must always be protected from water during application. Furthermore, the material must be protected from direct contact with water for approx. 24 hours (at 20°C) after application. Within this time, exposure to water (e.g. also dew, condensation) can lead to white discoloration (carbamate formation) on the surface or the surface is sticky in these areas and this can severely impair adhesion to subsequent coatings.

If there is a longer waiting time of >24 hours between the individual work steps or if surfaces already treated with liquid synthetic resins are to be recoated after a longer period of time, the old surface must be cleaned well, sanded thoroughly and vacuumed. Applications that are not clearly mentioned in this technical data sheet may only be carried out after consultation and written confirmation with or by the application technology department of RCR Flooring Products S.r.l..

Always protect against the effects of moisture on the back and from 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.

 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

Synthetic resin screed/coating for indoor use in buildings (structures according to technical data sheets)	
Fire behaviour:	B _{FL-S} 1
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) is 500g/l (limit 2080) when ready for use. The maximum content of RINOL EP-P260 in ready-to-use condition is <500g/l VOC.

GIS Code: WGK RE 30

Further information on the GIS code is available from Wingis online at <https://www.wingisonline.de>