



TECHNICAL DATA SHEET

PR-PU PU Primer Activator

Description

In most circumstances, polyurethane resins, thanks to their chemical cross linking (as opposed to physical curing water based products), provide excellent adhesion to substrates. However, the very high cohesion of these polymers, may contribute to a lack of adhesion and eventual failure on difficult substrates such as metals or non-porous ceramics.

Some substrates tend to offer more resistance to adhesion than others; tiles, metals, brick, terrazzo, marble, ceramics, old/polished concrete, glass, stainless steel, old flooring surfaces.

In these circumstances, if it is possible, it is recommended to scratch the surface slightly, creating some friction, and favouring the adhesion and compatibility between materials

Primary Applications

PU Primer allows both in the case of waterproofing membranes as well as in floorings, adhesives and other polyurethane coatings, to obtain high adhesion "links" between the substrate and the coating on top, so that there is a chemical anchorage between both elements. Even though PU Primer is a product that by itself it does not offer any film formation or any mechanical properties, (so it is definitely not a product to be used on its own), it does provide extreme adherence in combination with polyurethane single component products.

Packaging Kit

1L Packaging

Coverage

Scrub or spray the surface applying 50 to 100 g/m².

* Coverage figures given are theoretical. Practical coverage rates may vary due to wastage factors and site condition, profile, and porosity of the substrate.

Substrate Requirements

- Free from cracks and fissures. if any, they must be previously treating (we recommend Sindec Epoxy Crack Filler)
- Clean and dry, free of dust, loose particles, oils, organic residues, laitance, and contaminants.

*Inadequate preparation will lead to loss of adhesion and failure.

Appearance

Yellow Liquid.

Technical Advice

For further information on this or any other Sindec product, please contact our office.

Application Conditions

Optimum ambient temperature range is 15 – 25°C. Localized heating (electric powered warm air blower) or cooling equipment may be required outside this range to achieve ideal temperature conditions.

The substrate and uncured floor must be kept at least 3°C above the dew point to reduce the risk of condensation or blooming on the surface, from before priming, to at least 48 hours after application.

Product Application

It is recommended to scratch the surface slightly, creating some friction if possible, before applying the PU Primer. Apply by roller, sprayers are also allowed.

Technical Information

Curing Schedule 20°C	Solvent Evaporation Recoating	30 Minutes 1hr up to 4hrs after
Shelf Life	Resin & Hardener: Aggregate:	12 Months 6 Months
Storage	Keep between 10°C and 30°C. must be stored off the ground in original packaging, unopened and un-damaged. The ambient conditions must be dry and between 10°C and 30°C with no direct sunlight. Protect from frost.	

Disposal of Containers

Empty containers must be handled with the same precautions as if they were full. Treat empty containers as hazardous waste and transfer them to an authorized waste manager. If the containers still have some material left, do not mix with other product before considering the risk of potentially dangerous reactions.

Any remaining parts A and B of the same product should be mixed and allowed to cure before disposal.

Health & Safety

Before using this product, please ensure that you have received and read the product Material Safety Data Sheet. Refer to the hazard labelling on the product. Always wear gloves and goggles and avoid contact with skin and eyes. Primer PU contains flammable solvents.



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Additional Information:

The information contained in this document, and all further technical advice given is based on our present knowledge and experience.

However, it implies no liability or legal responsibility on our part. No warranty or guarantee of product performance in the legal sense is intended or implied as the conditions of use and the competence of any labour involved in the application are beyond our control.

Properties and coverage rates shown are for guidance purposes only. The user of the product must determine the product's suitability for the intended purpose. We reserve the right to make any changes according to technological progress or further developments.

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