

Technical Data - PU Sealer

02-04-2025



PRODUCT DESCRIPTION

PU Sealer is a low viscosity moisture curing polyurethane prepolymer based on toluene diisocyanate. When cured it produces a remarkably tough flexible film capable of withstanding abrasion, chemical attack, oil, grease and water penetration. Its superb wearing properties make it ideal for flooring subject to heavy use.

PURPOSE

For coating and sealing concrete floors and walls in factories, warehouses, garages etc. to protect the surface from chemical attack, oils and greases and to prevent wear and dusting. **PU Sealer** also resists staining by the following foodstuffs such as ketchup, red wine, vinegar, coffee, mustard & blackcurrant juice.

SPECIAL PROPERTIES

- Excellent chemical and abrasion resistance
- A thorough, flexible film at wide temperature range
- Easily applied by brush, roller or sprayer
- Single component
- Quick drying
- Excellent waterproofing qualities
- Totally Aliphatic (UV stable, will not yellow)

APPLICATION INSTRUCTIONS

Surfaces must be clean, dry, mature and free from contamination. Laitance must be removed. Grit blasting, acid etching, wire brushing or grinding are all acceptable methods where preparation is required. Mechanical preparation may be required if the surface is very dense (e.g. powerfloated finish) or if any surface coating is present. The container contents should be well stirred. Priming is not normally required. The material can be used straight from container, applied by brush, roller or squeegee to obtain an even coating. Two coats are normally required on porous surfaces, or where maximum impermeability is required. Allow the first coat to dry for 2-3 hours before applying the second. The second coat must be applied within 24 hours to ensure good adhesion. If a slip resistant surface is required, anti-slip aggregate may be added into the second coat. Immediately after use, clean all tools with cleaning solvent.

APPROXIMATE COVERAGE

Up to 6 to 8m² per litre.

STORAGE

Store in a cool, dry place. Shelf month is 12 months in original unopened containers.

PACKAGING

5 & 25 litre drums.

SPECIFICATION CLAUSE

"The above film property guidelines are based on material cured under ideal conditions and no guarantees are implied or liabilities accepted. The end user should test thoroughly to ensure suitability for intended use."

HEALTH AND SAFETY

Ensure adequate ventilation. Breathing equipment will be required in confined spaces. For more detailed information refer to Safety Data Sheet and product labels.

TECHNICAL SERVICES

For further information, call our technical dept on:

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WARRANTY

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