



BAUPRIME PU

Solvent Free Epoxy Resin Primer and Sealer

DESCRIPTION

BAUPRIME PU is a two component solvent free epoxy resin based primer and sealer coat for polyurethane based coatings and toppings. BAUPRIME PU can also be applied as a scratch coat with the addition of graded quartz sand.

TYPICAL USES

Used as a primer and sealer coat for:

- Polyurethane resin based car park coatings and toppings
- Polyurethane resin based wall & floor coating
- Polyurethane resin based self leveling system
- Polyurethane screeds
- As a scratch coat for floors after mixing with graded quartz sand

ADVANTAGES

- Solvent free
- Low viscosity
- Easy to apply by brush, roller, squeegee, airless spray Colorless

PACKAGING

BAUPRIME PU is available in 5 Litres/ 20 litres sets.

TECHNICAL PROPERTIES

Color	Amber
Density, [g/cc]	1.10±0.05
Application life [mins]	30 minutes
initial cure [hrs]	6 to 8 hours
Bond strength	Greater than the cohesive strength of concrete
Application temp	5 to 35° C
Coverage	5 m ² for smooth finish

The properties shown above were obtained under laboratory conditions and may vary in practice.

COVERAGE: Smooth Finish 4 TO 5 m²/litre

APPLICATION INSTRUCTION

SURFACE PREPARATION

The concrete should be minimum 28 days old and the surface moisture content less than 5% prior to the application of the primer. Clean the surface of all dust, dirt, degradable type of curing compound, oil and grease, cement laitance and other contaminants which will affect the bonding. Captive/shot blasting and grinding of the concrete surface is recommended for cleaning the surface. Cracks, blow holes and surface imperfections should be repaired with SOLPOXY BF* or SPADREP range of repair mortar. For larger areas, a scratch coat

can be applied. The scratch coat can be prepared by mixing the BAUPRIME PU with Aggregate No. 8. The scratch coat can be applied by a notched trowel.

MIXING

Pour Part B into the Part A pail and mix thoroughly with a mixing paddle for 1-2 minutes till a homogenous and uniform consistency is achieved. It is always recommended to mix a complete kit at a time. However, for small areas, part mixing may be carried out by employing proper weight measures.

APPLICATION

The mixed primer shall be applied within the working time of the product. Pour the mixed primer on the floor and spread it uniformly with a squeegee. Depending on the type of surface finish required, BAUPRIME PU shall be applied at a coverage rate of 4-5 m²/l. The coating is applied when the primer is dry. However, in all circumstances, the coating shall be applied within 24 hours of application of the primer. If the primer surface is left open for more than 24 hours, then a fresh coat of primer has to be re-applied.

CLEANING

Clean all the tools with any solvent immediately after application. Hardened materials can be removed mechanically only

STORAGE

Store all material in a cool, covered dry place. Do not expose the pails to direct sunlight and keep away from all sources of heat.

The shelf life of the product is 12 months in unopened condition if stored as per the recommendations. Exposure to high temperature and humidity will result in considerable deterioration of the product and reduce its shelf life.

HEALTH & SAFETY

As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

Note: Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, as the conditions of any labor involved in the application is beyond our control. BAUTECH shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of this product. It is the responsibility of the user to ensure that the product meets his particular requirements and to use it in a suitable way. Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BAUTECH representative.



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