

# MIXSEAL PU PRIMER

PU PRIMER, ONE COMPONENT, HIGH-PERFORMANCE

Ver: V8.2  
Update: 06/2020

## Product description:

**Mixseal PU Primer** (Polyurethane Primer) is a primer, one-component, high-performance paint using the reaction with active hydrogen of polyisocyanate and polyol. Mixseal PU primer as a clear primer for the penetration of the surface of the concrete, increases the adhesion of waterproofing membrane (as polyurethane, polyurea) and concrete.

## Uses:

- Primer for polyurethane and polyurea based waterproofing membrane;
- Primer for various paints/coating.

## Advantages:

- One Component , moisture curing system;
- The effect of reinforcement of the concrete surface and preventing moisture from surface is increase;
- Easy to use, adhesion is excellent.

## Technical Data

Specification	Standard	Value
Drying time	KS M5000:2014	Within 10 min
Solid Contents (105±2) <sup>0</sup> C; 3 hours)	KS M5000:2014	Over 33%
Viscosity (25+1) <sup>0</sup> C)*	KS M3705:2015	Over 20 mPa.s
Post life		> 4 hrs @ 20 <sup>0</sup> C
Curing time (Tacky free time)		< 1 hrs @ 20 <sup>0</sup> C
Curing time		< 24 hrs @ 20 <sup>0</sup> C
Recoat interval		4 -24 hrs @ 20 <sup>0</sup> C

\* Brookfield Viscometer, LV1, 60r/min

## Package:

- Pail: 5 kg or 17 kg.

## Coverage:

- 0.15-0.3 kg/m<sup>2</sup>/layer. If absorption of primer is heavy, can be painted more than once layer. But do not paint too much;

**Surface preparation:**

- Concrete / cementitious base surfaces must be enough 28 days;
  - The substrate must be sound, clean and monolithic. Cement laitance, mildew, oil, grease, etc... must be removed;
  - Honey-combs, voids, rough surfaces, exposed rebar and cracks shall be leveled with non-shrink grout or filler mortar;
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**Application:**

- Condition: Temperature (5~32°C) Relative humidity (30~85%), moisture content on the concrete below 6% (if apply directly on the concrete or cementitious based surface) if above 6% please consult with the Mixseal Technical Department;
  - Please do not dilute as possible. In case dilute, do not use alcohol based thinner;
  - With concrete, masonry or cementitious based surface can be mixed primer with cement, ratio 1:1 (by volumes).
  - Apply by paint brush, roller or airless spray. Allow the primer to dry before applying another coating.
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**Safety & health:**

- Shall be made to the work under sufficient ventilation and please wear respiratory protective equipment when working in an enclosed space.
  - Avoid direct contact with skin, wear suitable protections (gloves, goggles ...) while manipulating;
  - In case of contact with eyes, rinse immediately with plenty of water and seek medical help.
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**Storage & shelf life:**

- Keep away from fire and direct sunlight. Keep in a dry and cool place of 5~35°C and store the remains after using in the airtight container. The product exposed to the air may cause the increase in viscosity and internal hardening in case of storage for long period.
- Shelf life: 12 month when unopened, undamaged original packaging



**Note:** Mixseal warrants that the products manufactured by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to Mixseal shall be limited to replacement of the material proven to be defective, and Mixseal shall in no case be liable otherwise or for incidental or consequential damages. Mixseal makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties expressed or implied. User shall determine the suitability of the product for its intended use and assume all risks and liability in connection therewith..