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MC-Poly Primer

Primer for Polyurea and Polyurethane.

PRODUCT DESCRIPTION:

- **MC-Poly Primer** is a one-component high-performance paint using the reaction with active hydrogen of Polyisocynate and Polyol. As a clear primer for the penetration of the surface of the concrete, increases the adhesion of paint and concrete.

PRODUCT FEATURES:

- One component type moisture curing system.
- The effect of reinforcement of the concrete surface and preventing moisture from surface is increase.
- Painting is simple and adhesion is excellent.

APPLICATION:

- **Concrete**: It is used to clean concrete surface being dried during the 28th after casting concrete, at room temperature.
- **Condition:** ① Temperature : 5~32°C
  ② Relative humidity: 30~85%
- Dilution ratio : Please do not use thinner as possible.
- Application Method : Please painted brush, roller or spray.

- Pot life (hrs) : ≥ 4 (20°C)	- Curing time (hrs) : ≤ 24 (20°C)
- Tacky free time (hrs) : ≤ 1 (20°C)	- Recoat interval (hrs) : 4~24 (20°C)

- Shall be made to the work under sufficient ventilation and please wear respiratory protective equipment when working in an enclosed space.
- Only use the designated urethane thinner. Don't use the thinner from other company or containing alcohol (epoxy thinner, lacquer thinner etc) because they cause bad hardening.
- 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.
- If absorption of primer is heavy, you may need to paint more than once. But, You may peeling phenomenon occurs when you paint too much.
- If necessary, You can mix with cement (ratio: MC POLY PRIMER / cement = 1 / 1). It indicates excellent adhesion.

TECHNICAL DATA:

Item	Result	Test Method
Drying Time	Within 10 min	KS M 5000:2014
Solid Contents (105 ± 2)°C; 3 hours)	Over 33%	KS M 5000:2014
Viscosity ((25 ± 1)°C)(*)	Over 20 mPa.s	KS M 3705:2015

Note: The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

Edition **01/2024**. Some technical changes have been made to this print medium. Older editions are invalid and may not be used.

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