

AREAS OF APPLICATION

- + Warehouses / Distribution centres / Production halls
- + Corridors / Hallways
- + Laboratories / Technical rooms
- + Pharmaceutical industries
- + Graphic industries / Print shops
- + Hospitals / Institutions
- + Food industries / Industrial kitchens

SYSTEM DESCRIPTION

This system consists of products that give a seamless polyurethane coating well suited to industrial floors.

The floor coating is installed in a thickness of 3-7 mm, consisting of a structure with a primer and a top layer of self-levelling polyurethane and clean, dry sand.

The system gives a glossy and durable surface which can be delivered in a variety of colors from RAL- and NCS- fan deck.

The products do not contain solvents and is practically odour free during application. The system ensures quick installation and use, and the final product poses no health or environmental hazard to the user.

PROPERTIES

The system is well suited for substrates with exacting requirements for flooring with:

- + Waterproof, dust-free and seamless surfaces
- + Very good wear resistance
- + Good chemical resistance against alkalis, oils, grease
- + Hygienic, easy to clean and easy to maintain
- + Anti slip properties
- + Flexibility and shock proof
- + Resistant to moderate thermal shock in layers from 6-7 mm
- + Temperature at use (long-term) up to 60°C
- + Low emission

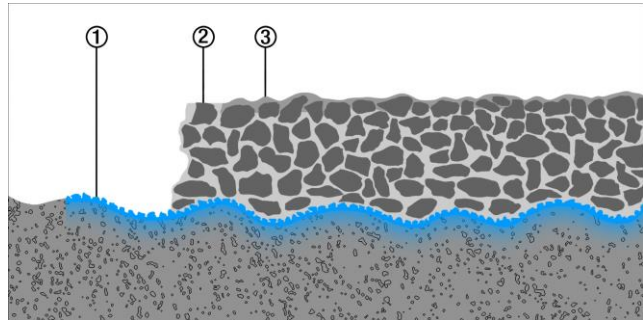
SYSTEM STRUCTURE

Substrate / Pre-treatment

The substrate should be pre-treated by sanding, grinding or shot blasting and should be dry, clean and free of dust, oil, grease etc.

The system is well suited for use on concrete and other cement based substrates or asphalt.

On bituminous substrates it's recommended that there is done a trial area to evaluate the suitability and method of pre-treatment.



1 Priming

Primer SN – standard primer or

Mapeprimer M – for damp surfaces, difficult substrate
Two-component solvent free epoxy primer. Dressed lightly with dry sand with small grain size if the interval time is greater than 24 hours, depending on the type of primer and the conditions for use.

2 Polyurethane coating

Mapefloor PU 430 SL – colored

Two-component self-levelling polyurethane. Applied with a notched trowel in a thickness from approx. 1.5, and saturated with dry sand, optional **Emery** or **Bauxite** for extremely good wear resistance.

3 Topcoat

Mapefloor PU 430 SL – colored

Two-component polyurethane. Applied with a smooth trowel until desired level of anti-slip.

NB: **Mapefloor PU 430 SL** is not UV-resistant and will get a shade of yellow, but this will not interact negatively on the properties of the product.



OTHER INFORMATION

- + Technical Data Sheet (TDS) and Material Safety Data Sheets (MSDS) are available at www.mapei.com
- + Work Descriptions
- + Operation and maintenance manual
- + Labor Inspection Brochure # 377 on thermosetting