

## AREAS OF APPLICATION

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

## 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 1.5-3 mm, consisting of a structure with a primer and a top layer of self-levelling polyurethane.

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

As an option the floor coating may be installed with a topcoat that allows the end-user to adapt surface properties such as matt surface, anti-slip or improved scratch-resistance.

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 and grease
- + Hygienic, easy to clean and easy to maintain
- + Flexible and static crack-bridging
- + Low emission

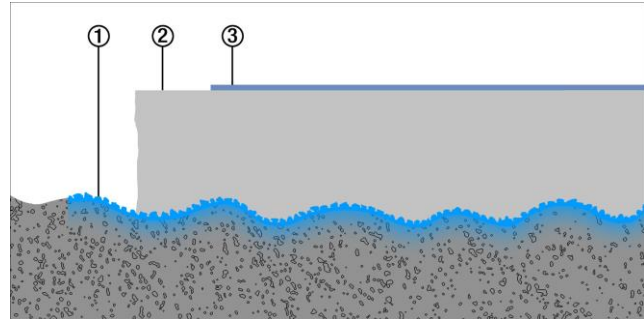
## SYSTEM STRUCTURE

### 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 **Mapprimer M** – for damp surfaces, difficult substrates. 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).

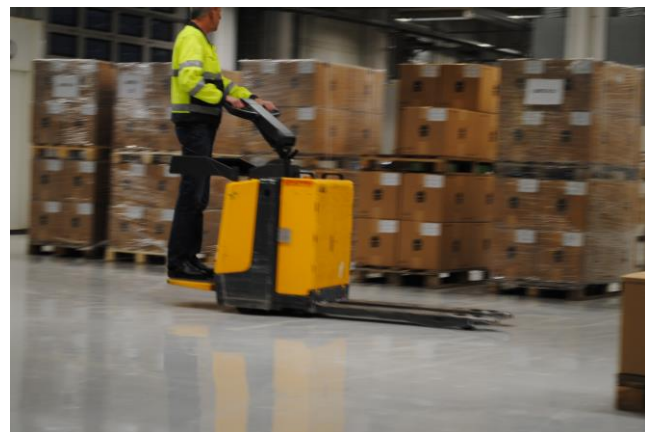
### **2 Polyurethane coating**

**Mapefloor PU 430 SL** – colored. Two-component self-levelling polyurethane. Applied with a notched trowel in a thickness of approx. 1.5-3 mm.

### **3 Topcoat** (optional)

**Mapefloor Finish 58 W** – matt transparent. Two-component UV-resistant polyurethane coat.

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](http://www.mapei.com)
- + Work Descriptions
- + Operation and maintenance manual
- + Labor Inspection Brochure # 377 on thermosetting