

## AREAS OF APPLICATION

- + Warehouses / Distribution centers / 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 epoxy coating well suited to industrial floors and commercial buildings in general.

The floor coating is installed in a thickness of 3 - 7 mm, consisting of a structure with a primer, dry aggregates and epoxy coating.

The system gives a shiny, anti-slip, durable surface which can be ordered in different standard RAL and NCS colors.

The products used contain no solvents and are practically odourless during application. The system ensures a quick installation of the industrial floor, and the final product holds no risk to the health of the user.

## PROPERTIES

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

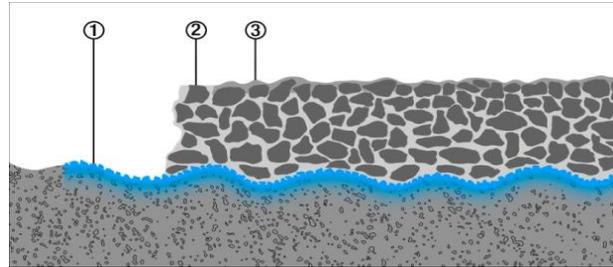
- + Waterproof, dust-free and seamless surfaces
- + Very good wear resistance
- + Good chemical resistance against alkalis, oils and grease
- + Hygienic, easy-to-clean and easy to maintain
- + Anti-slip surface
- + Pressure distribution from 4mm
- + Resistant to moderate thermal shock in layers from 6-7 mm
- + Temperature at use (long-term) up to 60°C

## 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.



### **1 Priming**

**PRIMER SN** – standard primer or

**Mapeprimer M** – for damp surfaces and difficult substrates. Two-component solvent free epoxy primer. Broad casted lightly with dry sand if the interval time is greater than 24 hours (depending on the type of primer and the conditions for use).

### **2 Epoxy coating**

**Mapefloor SL** - colored

**Mapefloor SL HD** - colored

Three-component self-leveling epoxy coating. Applied with a notched trowel in thicknesses from approx. 1.5 mm and scattered with dry quartz sand. For extremely high wear resistance use **Emery** or **Bauxite**.

**Mapefloor SL HD** differs from **Mapefloor SL** using other fillers and is recommended in areas with higher loads.

### **3 Topcoat**

**Mapefloor SL** - colored

Three-component self-leveling epoxy coating. Applied with a smooth trowel until the desired level of anti-slippage is reached.

or

**Mapecoat KB** - colored

Two-component epoxy coating which can be used if improved chemical resistance is needed.



## 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