

AREAS OF APPLICATION

- Warehouses and distribution centres
- Corridors and hallways
- Laboratories and technical rooms
- Pharmaceutical industry
- Showrooms and stores
- Food & beverage production and commercial kitchens
- Mechanical and chemical industry
- Electronic industry

This system is especially well suited for locations with aesthetic demands, and in the food production industry.

SYSTEM DESCRIPTION

This system consists of products that give a seamless dust-free floor suitable for industrial flooring and commercial buildings where moderate to high mechanical loads can occur.

The system is normally applied in a thickness of approx. 3-5 mm creating a durable and resistant finish. This system is delivered in different sand colours based on Mapei's color guide **Mapequartz Color**.

Special colours and sand mixtures may be ordered upon request. Alternatively, the flooring may be delivered with a skid resistance surface (**Mapecolor EP Decor S**) or sealed with a matt, polyurethane based topcoat.

The products do not contain any organic solvents and are 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

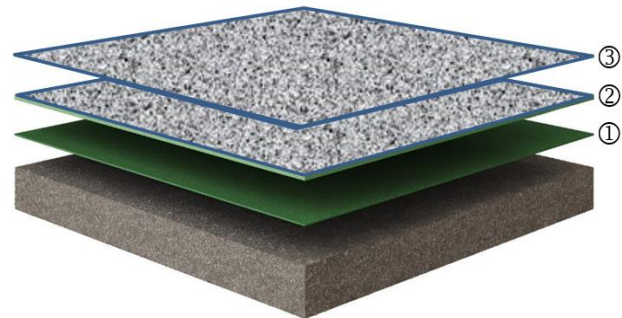
The system is well suited for substrates with exacting requirements for flooring with:

- Waterproof, dust free and seamless surfaces
- Good wear resistance
- Good chemical resistance against alkalis, oils and grease
- Hygienic, easy to clean and easy to maintain
- Low yellowing
- Pressure distribution from 4 mm thickness
- In service temperature up to +60 °C

SYSTEM STRUCTURE

Substrate / Pretreatment

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



① Primer coat

Mapeprimer M - for damp surfaces and difficult substrates or **Primer SN** – standard primer for general use. Two-component epoxy primer to be applied with roller, and broadcasted with **Mapequartz Color** decorative sand.

② Epoxy binder

Mapecoat Universal LC or **Mapecoat Universal** Two-component transparent epoxy binder to be mixed with **Mapefloor SL comp. C** and applied in even thickness. Broadcasted with **Mapequartz Color** to light excess. The surface is then compressed with epoxy smoother machine.

③ Epoxy topcoat

Mapecoat Universal LC or **Mapecoat Universal** Two-component transparent epoxy binder. Applied in a thin sealing layer using a steel trowel or rubber squeegee before rolling with a suitable epoxy roller. If a matt surface is desired, **Mapefloor Finish 59W TRP** may be applied as a finishing coat.



OTHER INFORMATION

- Technical Data Sheet (TDS) and Material Safety Data Sheets (MSDS) are available at www.mapei.no
- Declaration of performance (DoP) EN 13813
- Work descriptions
- Operation and maintenance manual
- Mapequartz Color chart, [link](#)