

AREAS OF APPLICATION

- + Multi-storey car parks with very high loading conditions.
- + Driveways in multi-storey car parks.
- + Start and stop areas in multi-storey car parks.
- + For areas with thermal and dynamic movements
- + For in- and outdoor areas.

SYSTEM DESCRIPTION

Mapefloor PU/PD mDrive is a crack-bridging multilayer polyurethane coating. The system consists of products that give a seamless and highly durable floor.

Mapefloor PU/PD mDrive provides a glossy and non-slip surface with virtually unlimited options where color and design is concerned.

The system is normally applied in thicknesses from 4 mm.

The products are practically odourless during application. The system ensures quick installation of the flooring 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 floors with:

- + Very high mechanical wear resistance
- + Crack-bridging capacity
- + Waterproof and resistant to chemicals
- + Good resistance to thermal influence (-20°C to +60°C)
- + Can be made as UV-resistant

SYSTEM STRUCTURE

Substrate / pre-treatment

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

The system is designed for use on concrete and other cement-based substrates.

1 Priming

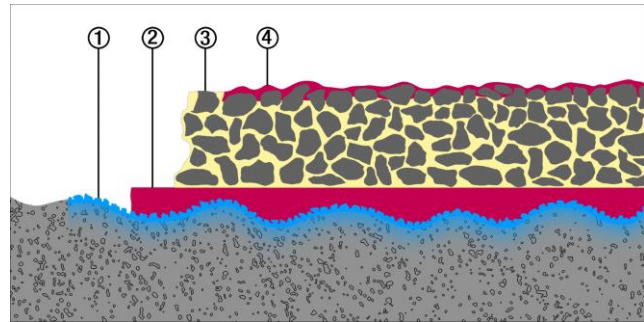
PRIMER SN – standard primer

Two-component solvent free epoxy to be applied with roller, and broad casted with 0.4-0.8 mm sand.

2 Membrane

Mapefloor PU M – thickness > 1.5 mm

Crack-bridging solvent free polyurethane membrane with color indicator.



3 Wearcoat

Mapefloor PU Flexibinder - total thickness > 2 mm
Flexible durable polyurethane scattered with durable aggregate like **Emery**, **Granite** or **Bauxite**. Either naturally coloured or pigmented.

4 Topcoat

Mapefloor Finish 415 - colored

Mapefloor Finish 451 - colored and UV-resistant

Mapefloor PU TC - transparent and UV-resistant

Two-component durable polyurethane topcoats.



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