

AREAS OF APPLICATION

- + School buildings and kindergartens
- + Hospitals and institutions
- + Wellness centers and gymnasiums
- + Office locations and public environments
- + Apartments and residential buildings

SYSTEM DESCRIPTION

The system consists of polyurethane based products who give a seamless comfort surface which is well suited for floor areas designed for passenger traffic.

The floor coating is installed in a thickness of a total 6 to 8 mm, consisting of a structure with a primer, rubber mat, pore filler/primer, UV resistant basecoat and polyurethane topcoat. The system gives a matt, durable surface and is available in a wide variety of RAL 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.

If installed correctly the system provides a level of soundproofing from 16 dB (6 mm) to 19 dB (8 mm).

PROPERTIES

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

- + Waterproof, dust-free and seamless surfaces
- + Very good wear resistance
- + Highly attractive patterns and finishes
- + Good level of soundproofing
- + Hygienic, easy to clean and easy to maintain
- + Flexible and static crack-bridging
- + Available in multicolor, flakes or other decorative elements

SYSTEM STRUCTURE

Substrate / Pre-treatment

The substrate should be pre-treated by grinding or blast cleaning 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. For other substrates, an evaluation of suitability should be done.

1 Bonding

Mapefloor Porefiller

Two-component solvent free polyurethane adhesive for rubber mat. Applied with MAPEI notched trowel #2 or #3.



2 Rubber mat **Mapecomfort FL 4 mm,** **Mapecomfort 5 or 6 mm**

Install the rubber mat in fresh adhesive, and smooth out to remove air pockets. Wait a minimum of 12h and apply 1-2 layers of **Mapefloor Porefiller** using a squeegee.

3 Basecoat **Mapefloor PU 461** – colored

Two-component UV-resistant solvent free self-levelling polyurethane based coating. Apply with a notched trowel in a thickness of approx. 2 mm.

4 Topcoat **Mapefloor Finish 58 W** – transparent

Two-component matt UV-resistant polyurethane based topcoat with good wear resistance. Apply 1-2 layers using a roller.

Mapefloor PU 461 is UV-resistant, but need topcoat to improve scratch resistance.



OTHER USEFUL INFORMATION

- + The Technical Data Sheet (TDS) and Safety Data Sheet (SDS) can be found at www.mapei.no