

AREAS OF APPLICATION

- + New and old drinking water systems.
- + Other construction in contact with drinking water.

SYSTEM DESCRIPTION

The system consists of products who give a pore free and durable surface which is well suited for treatment of concrete structures that is in contact with drinking water.

The products are tested at the Norwegian Health institute for use in contact with drinking water.

The system is normally applied in a thickness of approx. 2 mm creating an emission free surface which protects the concrete against decay. The system is delivered either transparent or pigmented.

The product does not contain organic 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, pore free and seamless surfaces
- + Hygienic
- + Durable against wear from cleaning
- + Good resistance against alkali water and water with low pH

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.

1 Porefilling

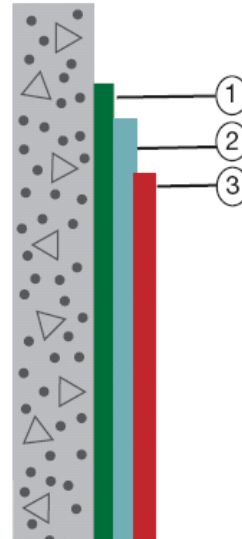
Mapepoxy Cem S – epoxy-based mortar

Three-component epoxy based mortar which is applied with a trowel/tray and smooth to remove minor imperfections.

2 Priming

Mapecoat DV Klar – transparent epoxy.

Solvent free epoxy applied with brush, roller or sprayer.



3 Topcoat

Mapecoat DV – transparent or pigmented epoxy.

Solvent free epoxy applied in 2-3 layers with brush, roller or sprayer.

Other connected products

Mapecoat DV Thix – Thixotropic version of Mapecoat DV

Mapepoxy BI – Force transferring injection in cracks in contact with drinking water.

Resfoam 1KM – Polyurethane injection for waterproofing in contact with drinking water.

Purgel – Polyurethane injection for waterproofing in contact with drinking water.



OTHER USEFUL INFORMATION

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