

AREAS OF APPLICATION

- + Strictly chemical resistant floors
- + Treatment of tanks exposed to strong chemicals

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 strong chemicals at high temperatures.

The system is applied in a thickness of approx. 2 mm, creating a surface which protects the concrete against decay. The system is delivered in a grey color.

The system ensures quick installation and use, and the final product poses no health or environmental hazard to the user.

PROPERTIES

The system is suitable for substrates where the demands are:

- + Waterproof, pore-free and smooth surfaces
- + Durable against wear from cleaning
- + Good resistance against strictly aggressive chemicals
- + Good resistance against high temperatures

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 Pore filling

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

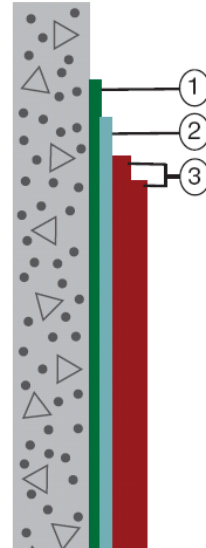
Mapecoat L-L – primer

Two-component solvent free epoxy primer. Broadcast with dry sand. The primer must harden at least 48h until further treatment.

3a Lamination (optional)

Mapecoat ARF – pigmented chemical resistant coating

Vinyl ester coating applied with brush or roller, and a layer of fiberglass mat should be laminated into the coating.



3b Top coat

Mapecoat ARF – pigmented chemical resistant coating
Vinyl ester coating applied with brush or roller in thin layers until desired thickness.

Other connected products

Fiberglass mat – for lamination

OTHER USEFUL INFORMATION

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