

CEMENT BASED RESIN EXTENDED INDUSTRIAL FLOORING

EPICRETE - Epoxy Extended Cementitious Flooring

URECRETE is a urethane cement system that enables ease of maintenance with the required durability for demanding industrial and commercial environments. URECRETE is applied with a thin coat to provide premium protection on floors and walls. It provides durability in conditions where there is exposure to a wide range of chemicals, repeated cleaning and sanitizing, and varying temperatures.

Benefits

- Can be over coated with resin based floors after 24 hours (+20°C, 75% r.h.)
- Prevents osmotic blistering of resin based coatings over damp substrates
- Economical and fast, easy application
- Good levelling properties
- Impervious to liquids but permeable to water vapour
- Compatible with bituminous overlays
- Frost and de-icing salt resistant
- Good chemical resistance
- Thermal expansion properties similar to concrete
- Excellent bond to green or hardened concrete whether damp or dry
- Excellent early and final mechanical strengths
- Excellent resistance to water and oils
- It is the ideal preparation for smooth surface finishes
- For internal or external use
- Contains no solvents
- Will not corrode reinforcement steel

Applications

- As Temporary Moisture Barrier (TMB) (3 - 7 mm thick) under Epoxy, Polyurethane and PMMA floors, over high moisture content substrates, even green concrete.

As a self-smoothing screed for:

- Levelling or patching horizontal concrete surfaces, in new work or repairs, particularly in aggressive chemical environments
- Floor topping on non ventilated damp substrates without particular aesthetic requirements
- Levelling layer under Epoxy, Polyurethane and PMMA* floor coatings / screeds, tiles, sheet floors, carpets or wooden floors
- Repair and maintenance of monolithic and vacuum concrete floors

Extended with quartz sand, as a patching and repair mortar:

- Under Epoxy, Polyurethane and PMMA floor coatings / screeds