

EPOFLOOR WS

WATER BASED, SELF SMOOTHING EPOXY SCREED



DESCRIPTION

EPOFLOOR WS is a multicomponent, selfsmoothing, water based epoxy screed system. It is designed for leveling the old, worn out floors and for providing a hard wearing screed on new concrete floors.

FEATURES & BENEFITS

- Can be applied on damp surfaces.
- Flowable consistency for self-leveling application.
- Resistant to impact and protects the substrate.
- Resistant to stains.
- Resistant to chemicals. But Technical Department of CMCI has to be contacted before using it in highly corrosive environments.
- Improve safety by providing slip resistance, when used on wet areas.
- Resistant to fungal growth.
- Can be cleaned with hot water.

BASIC USES

- Pharmaceutical industries.
- Food production industries.
- Dairies
- Chemical units.
- Textile units.
- Metal Processing, fisheries, and Engineering units.
- Meat Processing, vegetable & fruits canning units.
- Hospitals, schools, athletic facilities, commercial kitchens and public rest rooms.
- Wet areas such as bathrooms and other high humidity rooms.

ENGINEERING DATA

Pot life	: 20 - 40 minutes
slip Resistance	
Dry	: Good
Wet	: Good
Density	: 2000 kg / m ³
Abrasion Resistance	: Good
Hardness Shore D	
1 day	: 55
3 days	: 65
7 days	: 72
Compressive Strength	: 50 N/mm ²

DIRECTIONS FOR USE:

SEQUENCES OF APPLICATION:

1. Surface Preparation.
2. Priming of the substrate.
3. Laying self-leveling epoxy floor topping.

SURFACE PREPARATION OF THE SUBSTRATE

The concrete slab must be at least one week old. The laitance in the new concrete must be removed by blasting, scarifying or grinding whichever is possible and should be followed with the removal of all dust by vacuum cleaning. Old concrete must be prepared by mechanical means and vacuum cleaned using industrial vacuum cleaner.

PRIMING OF THE SUBSTRATE

The substrate must be primed by applying an epoxy prime coat of EPO FLOOR WS PRIMER . The two components of the primer must be mixed thoroughly using a slow speed drill with a suitable paddle and applied by brush or roller. The primer can be applied on a damp surface, but there should not be any standing water. EPO FLOOR WS must be applied when the primer coat is tacky.

LAYING OF SELF-LEVELING OF EPOXY FLOOR

Mixing

EPO FLOOR WS comprises of three components, base, hardener and filler. Fine, rounded silica is incorporated to produce a slip resistant finish. The component A shall be premixed before adding the component B. The hardener is then poured into the base and mixed thoroughly for 3 minutes till the component C consistency is achieved. then added slowly and mixing shall be continued till homogenous consistency is obtained in (3-5) minutes.

Laying

After mixing the epoxy, it must be placed immediately on the floor, for large areas, planning of laying sequence is essential, Continuous placement of an adequate quantity of material is necessary to provide the most uniform and level the surface. A serrated trowel and spiked roller must be used to spread the material evenly to achive the required thickness.

Equipment / Tools

Shot / sand blaster, Scabblor, Grinder, masking Tape, Serrated Trowel, Heavy duty slow speed drilling machine fitted with suitable paddle, Spiked roller, Spiked shoes, brushes etc.

COVERAGE	2.5 squares metre when applied at 4 mm thickness.
PACKAGING	10 liters kit
COLOR	EPO FLOOR WS is available in white and grey colors.

SHELF LIFE:

1 year in unopened pack when stored properly. Store out of direct sunlight, protect from rainfall, extremes of temperature.

CLEAN-UP:

Clean tools and equipment immediately with water, hardened epoxy must be removed mechanically.

HEALTH & SAFETY

- Avoid contact with eyes / skin. Wear protective clothing, safety goggles, gloves etc.
- If contact with eyes, skin have occurred, seek medical attention immediately.

Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

"High Quality Construction Chemicals"
CONSTRUCTION MATERIAL CHEMICAL INDUSTRIES
P.O. Box 7137, Dammam 31462, Saudi Arabia,
Tel: 00966-13-8471450; Fax: 00966-13-8471575
Email: tech@cmci-sa.com, Web: www.cmci-sa.com

The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no warranty and or responsibility is assumed on the performance of work completion executed with use of our products.