

ARACO EPOFLOOR 510 M

High Performance Industrial Epoxy Screed

Product Description

ARACO EPOFLOOR 510 M is a multi component solvent free Industrial screed for refurbishment of concrete, tiled and other floor surfaces

Applications

ARACO EPOFLOOR 510 M is ideal to be used for

- Warehouses, Factories, hospitals, Kitchens, etc
- Car parks, concrete elements, etc..

Surface Preparation

The Surface to be laid should be prepared by suitable mechanical process (treble head diamond disk, sandblasting, Shot blasting.. etc.) The Concrete Surfaces should be:

- Dry & stable
- Free of materials that prevent bonding, e.g., dust, loose particles, grease etc.
- Protected from underneath moisture attack <4%
- Floors should be sound, clean and free from contamination such as: oil, grease, paint splashes, laitance, and any loose materials.

Mixing

- Araco Epofloor 510 M is supplied in 3 components base, activator and aggregates.
- The resin components should be mixed together first in a bucket and then the aggregates should be added slowly.
- To ensure complete mixing, it is recommended to use a mechanical mixer for 3-4 min until a uniform and consistency is achieved.
- Mixing time should be varied according to temperature, but typically 4 minutes in total is sufficient

Priming

- After Cleaning the surface should be primed with **Araco Prime SF/Araco Prime SF145**
- The primer should not be allowed to dry prior to the application of **Araco Epofloor 510 M**
- Any primed area that has been allowed to dry must be reprimand
- On very porous substrates two coats of primer may be required.



Package: 22.5 kg Kit.

Consumption

Coverage (7/11/23) Kg/m² for thickness (3,5,10) mm

Uses

As repair mortar:

- cavities & voids
- Screed mortar for floors
- Corners and edges repair

Application

- The mixed **Araco Epofloor 510 M** can be poured onto the primed area within 15 minutes and generally spread out with a trowel or steel float
- To ensure correct application thickness is achieved wooden laths cut the thick. Required for the screed should be used and mixed materials leveled to the thickness
- **Araco Epofloor 510 M** should not be feathered out , edges must be always cut down
- The minimum thickness is 3 mm,

Technical Data

Bond Strength 50 Kg /Cm2
by Pull of test

Solid content 100%

Compressive Strength 70 N/mm2
ASTM C579

Flexure Strength >20 N/mm2
ASTM D790

Tensile strength >10 N/mm2
ASTM D638

Density 2.05 Kg/lit

Color Grey

Pot Life 60 min at +20

Durability

Condition After 7 days at +25 °C

Product Data

Appearance A (Resin) + B (Hardener) + C
(Filler) packed in two separate
container and pack

Storage condition Store in a dry area between 5C and
30C. Protect from direct

Shelf Life 12 months minimum from production
date if stored properly in original
unopened packaging.

Safety Instructions

The product may cause skin irritation. Wear gloves and goggles and apply barrier cream to your hands. In contact with eyes or mucous membrane. flush immediately with plenty of warm water and seek medical attention without delay.

Legal Notes

The information, recommendations, and application are based on ARACO current knowledge and experience of the products when properly stored, handled, and applied under normal conditions. ARACO products are guaranteed against defective materials and manufacture and sold subject to standard conditions. Users should always refer to the most recent technical data sheet for the product concerned, copies of which will be supplied on request.

More from ARACO

A wide range of construction chemical products is manufactured by ARACO which include:

- Premixed mortar
- Tile adhesives & Grout
- Concrete Repair
- Flooring systems
- Protective Coating
- Waterproofing
- Bonding Agents
- Concrete Admixtures
- Surface Treatments
- Grout & Anchors
- Sealants
- Sports Flooring