

EAMIFLOOR METAL

Impact & Abrasion Resistant Metallic Floor Hardener

Product Description

EAMIFLOOR METAL is a dry shake on metallic floor hardener, designed from clean and graded rust free steel aggregates together with a unique polymer modified cementitious blend.

EAMIFLOOR METAL bonds monolithically with the concrete substrate eliminating cracking, shrinkage, curling and other problems associated with thin floor layers.

Typical Applications

- Industrial Floors.
- Warehouses where high abrasion and impact loads are expected.
- Passenger & freight terminals.
- Iron armored joints.
- Distribution centers.
- Wear, impact and abrasion resistance are required.

Product Features

- Provides a high strength wearing surface compared to concrete.
- Non dusting in service.
- Available in various colors.
- Economical and easy to apply.
- Increases impact resistance to concrete surface.

Limitations

NOT recommended for use on slabs subjected to continuous wetting and acid spillage.

Standards

EAMIFLOOR METAL is tested to the appropriate sections of the following standards: BS 1881 & ASTM C 109.

Guide for Application

Surface Preparation

Base concrete should have a minimum cement content of 350 Kg/m³. Concrete mix should be designed to minimize segregation and bleeding. Base concrete should be compacted in accordance with good concrete practice.

Application

The rate of EAMIFLOOR METAL should be determined by the rate of expected traffic (light -- medium -- heavy). Start applying EAMIFLOOR METAL when base concrete becomes stiff; foot step leaves an imprint of 3 mm.

Apply the first application of EAMIFLOOR METAL by spreading 2/3 of the specified quantity on the concrete surface. Float the concrete surface with a wooden float or a mechanical power float.

Spread the remaining EAMIFLOOR METAL over the Concrete surface, then float again as before.

Note: EAMIFLOOR METAL is supplied ready to use on site; never add cement or aggregates to the product.

Curing

We recommend the use of EAMICURE RB to cure concrete surfaces immediately after troweling. See separate Data Sheet.

Technical Properties

Color	Red brick & Gray. (Other colors could be specially ordered)
Abrasion Resistance	EAMIFLOOR METAL improves the abrasion resistance of concrete by 300 %.
Compressive Strength	60 N/mm ² after 28 days.

EAMIFLOOR METAL

Coverage

3 Kg/m² for light traffic.

5 Kg/m² for medium traffic.

7 Kg/m² for heavy traffic.

Packaging

EAMIFLOOR METAL is supplied in 25 kg. bags.

Storage

EAMIFLOOR METAL should be stored in shaded areas.

Shelf Life

One year when stored as recommended.

Cleaning

Tools should be cleaned immediately with water after use.

Health and Safety

- EAMIFLOOR METAL is non flammable.
- Any splashes on skin should be washed with water.
- Seek medical assistance in case of contact with eyes, after washing it with running water.

Warranty

We warrant our products to be of good quality & manufactured to rigid standards. This Warranty is in lieu of any & all other warranties expressed or implied.

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