



FLR.0048

FLOOR 500

Hardening, reinforced mixture for resistant "paste" floors

Customs Code

3824 5090

Packaging

- Bag 25 kg
- Pallet: 50 x (Bag 25 kg)

Application

- Finishing trowel
- Spatula
- Straight edge

Family
Floortech

Product Lines

- Infratech
- Floor

Components
Single-component

Type
Surface hardeners for concrete floors

Functional Categories

- Construction of high performance industrial concrete floors
- Construction of structural subbase screeds
- Wall structure treatments and repair of industrial concrete floors

Appearance
Powder

General description

Hardening mixture for coating concrete surfaces, based on selected silica aggregates with very high SiO₂ content, high resistance hydraulic binders, superpozzolanic reactive fillers, polymeric binders and specific agents, reinforced with alkali-resistant fibres. Perfect for anti-wear adapting coatings, resistant and tough, laid both with the "fresh on fresh" method and with the conventionally defined "paste" system.











Dosage

Approximately 19 kg/m² of FLOOR 500 for every centimetre of thickness to be implemented (approximately 1900 kg per cubic metre).

Fields of application

Construction, with the sole addition of water, of coatings for wear adjustment, resistant and tough, laid with both the "fresh on fresh" method and with the conventionally defined "paste" system (industrial flooring, ramps in a herringbone pattern, localised repairs at least 1 cm thick).

Basic features

- | | |
|---|---|
|  Max. recommended thickness:
3 cm |  Maximum diameter of aggregate:
1.5 mm |
|  Min. recommended thickness:
1 cm |  Mix with water:
10-12 % |
|  Nonflammable |  Pot-life:
60 min |
|  Shelf-life:
12 months |  Temperature of use:
+8 / +30 °C |
|  UV-resistant |  Available colours
Gray |

Technical specifications

Density (UNI EN 1015-6): 2050 kg/m³

Tools cleansing

- Water

Applicable on

- Concrete
- Floor screed

Substrate preparation

In case of applications on pre-existing support, prepare the existing subbase decontaminating it from soiling, loose parts, dust etc.

IF YOU WANT TO SOLVE IT
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Instructions for use

In case of "fresh on fresh" FLOOR 500 applications, conveniently hydrated and mixed, it will have to be laid in the context of the adhesive range of the conglomerate.

In applications on pre-existing and hardened support (paste system), the following procedures should be followed:

- Construction of the adherence bridge by applying a suitable epoxy adhesive for recasting SYNTECH RGS.
- Preparation of the hardener mixture by placing in the mixer for about 2/3 of the mixing water (total water is 10-12% by weight), add FLOOR 500 and the water still needed gradually, by mixing suitably until a homogeneous, lump-free mixture of the required consistency is obtained
- Lay the mixture thus prepared, in the range of adherence of the adhesive bridge previously made, and then roll it out with a aluminium trowel or stick. The joints, where required, must be laid beforehand.

Storage and preservation

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance. Protect from humidity.



Warnings, Precautions and Ecology

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge.

Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage.

Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: www.azichem.com. The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: www.azichem.com.

It is forbidden to dispose of the product and/or packaging in the environment.

Protect fresh surfaces from direct exposure to sunlight, from the rain and wind, and adopt the necessary procedures for prolonged moist hardening.



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FLOOR 500 is produced/distributed by



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