



Family  
**Floortech**

Product Lines  
• **Infratech**

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**

FLR.0048

## FLOOR 500

Hardening, reinforced mixture  
for resistant "paste" floors

### Dosage

19 kg /m<sup>2</sup>/cm

### Packaging

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

### Application

- Finishing trowel
- Spatula
- Straight edge

## General description

Hardening mixture for coating concrete surfaces, based on selected silica aggregates with very high SiO<sub>2</sub> 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.











## 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).

## Available colours

- Gray

## Basic features

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

## Technical specifications

Density (UNI EN 1015-6): 1950 kg/m<sup>3</sup>

## 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

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

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

*FLOOR 500 is produced/distributed by*



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