



Family
Syntech

Type
Epoxy treatments, coatings and enamels

Product Lines
• Infratech

Functional Categories
• Construction of high performance industrial concrete floors
• Protective, strengthening, polyurethane or epoxy coatings

Components
Two-components

Appearance
Liquid + Liquid

SYN.0105

SYNTECH PAVICROM

Coloured epoxy coating for
concrete floorings

Dosage

0.15 - 0.2 kg /m²
(Recommended: 0.18 kg /m²)

Packaging

- Can 4.65 kg [A]
- Can 9.3 kg [A]
- Can 1.35 kg [B]
- Can 2.7 kg [B]
- Kit: 1 Can 4.65 kg [A] + 1 Can 1.35 kg [B]
- Kit: 1 Can 9.3 kg [A] + 1 Can 2.7 kg [B]

Application

- Brush
- Paint rolle

General description

Two-component coloured finish, based on epoxy and amino-resins in aqueous dispersion, with high content of solids. Perfect for the pigmented coating of industrial flooring and concrete products in general. Surfaces treated with SYNTECH PAVICROM are easy to clean and provide good resistance to mechanical wear, as well as having a high resistance to water, alkaline solutions, to detergents and hydrocarbons (oil, diesel fuel, gasoline, etc.).

Fields of application


Protective and decorative painting of concrete floors, renewal of the colouring of old flooring in resin, glazing of wall skirtings, etc. Excellent in mechanical workshops, manufacturing industries, warehouses, and factories in general where there are no special nor high requirements for chemical and mechanical resistance (in these cases it is recommended to use SYNTECH PAVISTRONG).


Available colours


- Cartella RAL classic

Basic features

 Highlighted product


 Adhesion to the substrate:
>1.5 MPa

 Density:
1.48 (±0.05) kg/dm³

 Min. recommended thickness:
150 µm


A:B Mixing ratio:
100:28

 Nonflammable

 Pot-life:
80 - 130 min

 Shelf-life:
12 months

 Solvent-free

 Temperature of use:
+15 / +30 °C

 Use wearing protective gloves

Technical specifications

Complete hardening (a 20°C): 7 day

Dry residue (10' a 150°C): 69 %

Hard to touch (a 20°C): 4 - 6 h

Resistance to abrasion (UNI 8298-9): 55 - 65 mg

Viscosity (UNI 8701/3): 8500 (± 1700) mPa

Tools cleansing

- Water

Applicable on

- Concrete
- Prefabricated concrete
- Tiles
- Floor screed

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Substrate preparation

Thoroughly clean and degrease the surfaces, removing any soiling whatever its nature, paint residues or non-adhering parts. Determine the most convenient type of mechanical preparation (sanding, washing, etc.). The surfaces must also be free of discontinuities, and possibly levelled and regularized with REPAR TIX BIC, REPAR SM BIC or FLOOR EPOX 3. In the case of moisture (even suspected) resulting from capillary rising damp from the subbase, it is advisable to preliminarily spread the epoxy resin for "damp bases" SYNTECH PAVIDAMP.

Tiled floors, or coated with pre-existing resin, should be subject to mechanical roughenings performed with peening, milling, hammering, etc., until the complete elimination of the impermeable crust and of the opacification of the surfaces. Remove the powder after abrasion.

For application surfaces with low surface resistance and with crumbling propensity, it is recommended to treat the support preventively with SYNTECH PAVISHEER.

Instructions for use

At the time of the application pour the two components into a single container and mix thoroughly for 2 minutes, with appropriate equipment (drill with helix). At the end of the mixing stage, resting and application times must be scrupulously respected, as described in the table reported below.

SYNTECH PAVICROM should be diluted with 10% water and then applied with a roller, taking care to uniform the layer applied. Also add 3-5% by weight of quartz B0 or B1 (or hollow glass microspheres) to obtain a non-slip effect.

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. Store the product at a temperature between +5°C and +35°C.



Induction times and pot life

Temperature	15°C	25°C	30°C
Induction time	25'	15'	10'
Pot life	105'	90'	70'

Induction time: time in which the mixture A+B must necessarily rest in whitewash after the mixing stage.

Pot life: The maximum amount of time, from the time of mixing, within which the resin must be applied.



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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.

If the times of induction and use are not respected, the finish may be subject to deformities. As it is, the product can be characterised by a high content of solids, the viscosity can be adapted to the desired level by the dilution with water.

The degree of gloss of the final coating will be influenced by the following factors: temperature of the material, environmental humidity, application temperature and porosity of the support. For an excellent colour brilliance and the best colour possible, it is recommended to spread the product in two coats, the first white (in particular for yellow, orange and bright red).

SYNTECH PAVICROM is produced/distributed by



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