



SYN.0105

SYNTECH PAVICROM

Coloured epoxy coating for
concrete floorings

Customs Code

3907 3000

Packaging

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

Application

- Brush
- Paint roller

Family
Syntech

Product Lines

- Infratech
- Floor

Components
Two-components

Type

Epoxy treatments, coatings and enamels

Functional Categories

- Construction of high performance industrial concrete floors
- Protective, strengthening, polyurethane or epoxy coatings

Appearance

Liquid + Liquid

Certifications and legislations



Floor - Prodotti per pavimenti e massetti in calcestruzzo

Product of the Floor line, the line of products from Azichem Srl dedicated to the main, complementary products and accessories for the construction, restoration and/or renovation of concrete floors and screeds.

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).

Basic features



Highlighted product



Adhesion to the substrate:
>1.5 MPa



Density:
1.48 (± 0.05) kg/dm³



Min. recommended thickness:
150 μ m

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



Available colours
RAL classic

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 (\pm 1700) mPa

IF YOU WANT TO SOLVE IT


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Tools cleansing

- Water

Applicable on

- Concrete
- Prefabricated concrete
- Tiles
- Floor screed

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.

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.

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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