



duroais capa continua

CONTINUOUS INDUSTRIAL FLOORING.

Edition: 3

04/2010

Technical department

Description:

DUROAIS CAPA CONTINUA is a two-component products. One part is powder based on quartz aggregates, cement-based bonding agents and additives. The other part is liquid as a resin based on copolymers.

Uses:

DUROAIS CAPA CONTINUA is used to regularise surfaces (provided that the differences are not bigger than 5 mm) on floorings for garages, parkings, petrol-stations, etc

Features & benefits:

* EASE OF APPLYING* SELF-LEVELLING* HIGH MECHANICAL RESISTANCE* HIGH RESISTANCE TO THE WEATHER* HIGH RESISTANCE TO ABRASION* HIGH ADHERENCE WITH THE SUPPORT WITHOUT BONDING-AGENT*

Surface preparation:

The surface which DUROAIS CAPA CONTINUA is applied on must be clean, free of dust, greases, oils, salts or substances that decrease the adherence, open pore and slightly moistened with hot weather.

Clean up:

With plenty of clean water while the product is wet. Once it hardens only can be removed by mechanical means.

Application

- DUROAIS CAPA CONTINUA is formed by one powder component and one liquid component.
- Pour the liquid component (A comp) in a suitable container and add it slowly to powder component (B comp) stirring with a low speed mechanical mixer (300-500 rpm).
- The proportion on the admixture is 6 litres of DUROAIS CAPA CONTINUA A comp per 25 kg of DUROAIS CAPA CONTINUA B comp.
- The product is applied by pouring, spreading it with toothed trowel. The thickness of layer will be between 3 and 5 mm. The base can't have irregularities bigger than 3 mm.
- The existing joints must be conserved on the load-bearing base.
- Concrete on base must be prepared preferably by mechanical means, milling, shot blasting, sanding, to open pores and remove the polishing superficial layer or with mechanical damages.
- The concrete with bad adherence or damaged must be removed and all the defects such as pothole must be repaired before applying DUROAIS CAPA CONTINUA. The potholes can be repaired with DUROAIS PARCHEO.
- DUROAIS CAPA CONTINUA must be spread by a toothed trowel (triangular teeth). A spiked roller can be used during the mixing in order to driven it out the trapped air. Don't apply when the product begins to loose self-levelness because it can produce a texture.
- Once it is setting spray a thin layer of LACURIS to improve curing.

Packaging:

Available in packs of:

Technical features:

% Solid content in weight	"AR 2" high resistance to abrasion mark smaller than 0,02 mm
Adherence	> 1,5 N/mm ² a 28 días (EN 13892-8)
Capillarity	< 0,2 % a 60 minutes
Colour/s	grey
Composition	special cements, quartz, additives and liquid polymers
Compressive resistance	> 25 N/mm ² a 28 días (EN 13892-2)
Curing density	1.750 a 1.800 kg/ cubic metres.
Flexural strength resistance	> 5 N/mm ² a 28 días (EN 13892-2)
Temperature of work	from 5°C to 30°C
Water absorption	20 to 24%
Water retention	> 5 N/mm ² a 28 días (EN 13892-2)

Coverage:

4,5 kg per sqm in layer of 3mm

The information provided on this technical data sheet and particularly the recommendations for the application and use of the product is based on our current knowledge and are provided in good faith, considering that the products are used, handled and stored under normal conditions and within the limits of its useful life. The possible differences between the materials, supports, and real conditions in the application site can be so important that it is no possible to establish a warranty with this document or any other information provided. The user must verify with a suitability test that the product conforms to the required use. Users should refer to the information included in the last technical data sheet edition.



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Kit

31 Kilos

Storage:

2 years in their original packages, tightly closed, protected from the weather and stored in a cool and dry place.

Health and safety advice:

Consult the safety information on the label on each package, and for more information refer to the product Material Safety Data Sheet.

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