

continuous industrial flooring.

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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.

Technical Features:

Water absorption: 20 to 24%

Capillarity: Curing density: 1.750 a 1.800 kg/ cubic metres.

Compressive resistance: > 25 N/mm² a 28 días (EN 13892-2)

Flexural strength resistance: > 5 N/mm² a 28 días (EN 13892-2)

Water retention: > 5 N/mm² a 28 días (EN 13892-2)

Colour/s: grey

Composition: special cements, quartz, additives and liquid polymers

Adherence: > 1,5 N/mm² a 28 días (EN 13892-8)

% Solid content in weight: "AR 2" high resistance to abrasion mark smaller than 0,02 mm

Temperature of work: from 5°C to 30°C

Coverage:

4,5 kg per sqm in layer of 3mm

Uses:

DURAIS 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.

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 produces a texture.
- Once it is setting spray a thin layer of LACURIS to improve curing.

Clean up:

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

Storage:

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

Packaging:

Available in packs of:

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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