Rev 1
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KERATEK COAT

Paint with high chemical-mechanical resistance

DESCRIPTION

KERATEK COAT is a three-component paint with high chemical and mechanical resistance, suitable as a finish of KERATEK thick coatings (e.g. KERATEK ASP or KERATEK SELF-LEVELING) or as an end-of-itself coating.
KERATEK COAT TIX: version of the KERATEK COAT for vertical application (it is also possible to apply with high thicknesses, 3-4 mm, in a single pass), spatula application. The other features are identical to those of the KERATEK COAT.

GENERAL CHARACTERISTICS

KERATEK COAT is essential for concrete or stone material surfaces, where resistance to continuous contact with very aggressive chemicals is necessary (e.g. diluted and concentrated organic and inorganic acids, alkaline solutions with very high pH , organic waste, biomass (biogas production plants), organic solvents, saline solutions, etc.

KERATEK stands out from other paints because it is:

- very compact,
- absolutely waterproof,
- easily decontaminated,
- non-biodegradable,
- unassailable at the bacterial level.

FIELDS OF APPLICATION

It is used in the protection of flooring where the particularly harsh operating conditions do not allow the adoption of anti-acid tile floors, or traditional cementitious or resinous systems (see epoxy resins, traditional polyurethanes, polyester, acrylics, etc.).

Ideal for:

- chemical industry
- food industry
- pharmaceutical industry
- Tanneries
- cold rooms
- heavy mechanical industry
- local and slaughter industries (excellent resistance to pig blood, extremely aggressive towards resins) with the possibility of daily washing with superheated steam
- paint production industry and paint stripping rooms
- galvanic industry
- nuclear industry (easily decontaminated)

SHEET

KERATEK COAT

SPECIFICATIONS

Minimum application temperature: 10 °C
Mixing ratio components A+B+C = 100 + 181 + 250 parts weight
then 1 + 1.81 + 2.50 kg
Pot life (workability) mixture A+B+C = 20 minutes at + 20 °C
Specific gravity mixture (A+B+C) = 1,55 ± 0,03 kg/dm^3 depending on the colour
Hardening (at + 25°c and 60% ur) = walkable 24 h, complete hardening 48 h
Total chemical-mechanical resistance = 7 days
Continuous contact with some aggressive chemicalsmay cause a change in the colour of the coating, but this does not affect the strength characteristics of the coating.

PREPARATION

The components are supplied in three separate containers:

A. base
B. catalyst
C. mineral binder of high hardness

Before use, all krateck types must be stored for at least 72 hours at a temperature not lower than +15°C.
Mix the comp well. A, comp. B and comp. C separately, in the respective containers.
The three components (A, B and C) are then mixed with a planetary mixer in this order:
Comp. A + comp. B: mixing for 1 minute,
then add the charges (comp. C) mixing for 3 minutes at 25°C,
or for 4 minutes at + 20 °C
or for 5 minutes at + 15°C
(in the latter case the KERATEK COAT must be stored in advance for at least 3 days at temperatures greater than 20 °C, before use).

APPLICATION

KERATEK COAT should always be applied on KERATEK PRIMER (as preparation of the support), by brush, short-haired roller, airless.
The support must have been previously treated with the appropriate KERATECK PRIMER primer, respecting the primer application interval between 12 and 48 (at + 20 ° C and 60% ur).

THEORETICAL YIELD

Consumption = 400 - 500 g/m^2 in two passes at a distance of 12-36 h from each other.

PACKS

KIT(A+B+C)

5.31 kg	=1.00 kg + 1.81 kg + 2.50 kg
10.62 kg	=2.00 kg + 3.62 kg + 5.00 kg
21.24 kg	= 4.00 kg + 7.24 kg + 10 kg.

STORAGE

In original and intact containers, protected from excessive heat, the product is kept for about 12 months.

WARNINGS

Under normal conditions of use, the product is not harmful to its handlers. During the application do not eat, do not drink and do not smoke, use protective clothing such as gloves, glasses and mask. The information contained in this sheet is, to the best of our knowledge, accurate and accurate, but any recommendation and suggestion given is without any guarantee, since the conditions of use are not under our direct control. In case of doubt it is always advisable to carry out preliminary tests or consult our technical department.

LEGAL

The information contained in this technical sheet, although representing the most advanced stage of knowledge, does not exempt the user from performing accurate preliminary tests in their conditions of use and operation. We therefore decline any responsibility for the improper use of the product.

SHEET