



CORKLAND® CT C16 F3

Lightweight screed mortar



DESCRIPTION

Lightweight fast-drying mortar for floor screeds, up to 5 cm.

TECHNICAL CHARACTERISTICS

Dry mortar based on cement, additives, aggregates, and dry, sieved and selected cork granulates which considerably lighten the product, without mixing it with other components.

ADVANTAGES AND USES

- Suitable for machine projection.
- Fast put into service.
- Up to 5 cm thickness in just one application.
- Low density that makes it ideal for existing floor slabs restoration.
- Easy levelling by simple regulation.
- It can also be applied with reinforcing lath.
- It provides additional impact sound isolation.

SUITABLE SUBSTRATES

- Substrates should be resistant, stable, sound and clean; free from dust, or any other released agents.
- The area should be stable, hard and consistent.
- In case of very absorbent substrates, excessive heat or heavy winds, it is advisable to moisten the substrate and wait until the water disappears.
- For adhered screeds (thickness less than 50 mm) on resistant concrete supports, PAVILAND PRIMER R must be previously applied.

APPLICATION PROCEDURE

MECHANICAL APPLICATION

- According to the chosen machine (section and length of the hose) and outdoors climate conditions, establish the optimum water/ MORTAR condition.
- It is very important to maintain the variables constantly that may affect the features of the applied mortar (wall distance, application angle and water proportion).
- Layers should not exceed 5cm thickness, letting it harden if it is going to be applied in several layers.
- Smooth and correct the imperfections with a trowel or a similar tool.
- Add water and mix it manually or mechanically until getting a homogeneous and workable consistence.
- Let the mixture rest for 5 minutes and mix again.

HAND APPLICATION

- Add water (5,0 A 5,5 L for bag) and mix it manually or mechanically until getting a homogeneous and workable consistence.
- Let the mixture rest for 5 minutes and mix again.
- Layers should not exceed 5cm thickness, letting it harden if it is going to be applied in several layers.
- Smooth and correct the imperfections with a trowel or a similar tool.

LIGHTWEIGHT RESTORATION

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RECOMMENDATIONS

- Do not apply it under 5°C or above 30°C.
- Do not apply it under risk of frost, rains, heavy winds and direct sun light.
- Previously repair the damage areas of the substrate.
- Moisten absorbent substrates and wait until the water layer disappears before the application. In non absorbent substrates, it is necessary to apply a previous primer.
- It is also advisable to water the applied product immediately after its hardening, specially under extreme weather conditions, high temperatures and heavy winds.
- Do not mix it with other products or loads.
- Advised thickness: between 5 and 50 mm.
- Advised minimum thickness on waterproof or anti impact sheets: 50 mm

PACKAGING AND STORAGE

25 Kg laminated paper bags. 1 year storage in its original packaging, indoors and away from humidity.

TECHNICAL DATA

(Statistic results obtained in standard conditions)

Apparent density of the powder	1,1 ± 0,2 g/cm ³
Paste density	1,5 ± 0,2 g/cm ³
Harden product density	1,5 ± 0,2 gr/cm ³
Water of the mixture	21%>
bending resistance after 28 days	> 3 N/mm ²
Compression resistance after 28 days	> 16 N/mm ²
Classification according to UNE-EN 13813	CT C16 F3
Approximate yield	13,50 Kg/m ² per 1 cm thickness
7 days humidity (4 cm tile). (*)	< 3%

(*) % humidity mean taken in 5 different areas.

LIGHTWEIGHT RESTORATION

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