



## 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

## CORKLAND® CT C16 F3

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

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

# LIGHTWEIGHT RESTORATION

## CORKLAND® CT C16 F3

### LEGAL DISCLAIMER

The instructions for use are given according to our tests and knowledge and do not imply any commitment by GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

GRUPO PUMA is not responsible, in any case, for the application of its products or constructive solutions carried out by the application company or other parties involved in the process and / or execution of the work, limiting the responsibility of GRUPO PUMA exclusively to the damages directly attributable to the supplied products, individually or integrated in systems, due to failures in their manufacturing process.

In any case, the drafter of the work project, the technical management or the person responsible for the work, or collaterally the application company or other parties involved in the process and / or execution of the work, must ensure the suitability of the products addressing the characteristics of them, as well as the conditions, support and possible pathologies of the work in question.

The values obtained by GRUPO PUMA's products or its constructive solutions that, as the case may be, are determined by the EN standards or any other regulation that applies to it in each case refers exclusively to the conditions specifically stipulated in said regulation and that are referred to, among others, to certain characteristics of the support, humidity and temperature conditions, etc. without being them required in the tests obtained under different conditions, all in accordance with the relevant regulation.