



## COLD AND WATER-RESISTANT LEVELLING CEMENT MORTAR

C<sup>22</sup>

for walls and floors with a layer thickness of 3-50 mm

**KLEiB C22** is a mortar used to level horizontal and vertical surfaces both inside and outside of buildings, to fill defects as well as to make indoor screeds on all kinds of mineral substrates for finish claddings such as tiles made from various kinds of materials, PVC floor coverings, carpets and floor panels with a thickness of 3-50 mm.

packaging	pieces per pallet	consumption
25 kg	54	approx. 2 kg/m <sup>2</sup> with a thickness of 1 mm

### Technical specification

#### Water/mortar ratio

0,15

#### Proportions of the mixture

0.15 l of water to 1 kg of mortar  
3.75 l of water to 25 kg of mortar

#### Open time

approx. 4 hours

#### Mortar preparation temperature

surface temperature and ambient temperature:  
from +5°C to +30°C  
Resistance to temperatures during use:  
up to +60°C

#### Min. layer thickness

3 mm

#### Max. layer thickness

50 mm  
Maximum layer thickness for evening out surfaces  
and filling in cavities or defects in floors and walls:  
80 mm

### properties

KLEiB C22 may be used to make cement floors in frequently used rooms such as cellars, garages and utility rooms. Thanks to its properties, it is suitable to be used as a layer of floating floor on a damp-proof course or thermal insulation. The minimum thickness is 50 mm (50 mm for underfloor heating systems). It can also be used to even out surfaces and fill in cavities or defects in floors and walls using layers that are 3 to 80 mm thick.

### substrate preparation

The substrate should be stable, solid, clean and free of any impurities that could weaken the mortar's adhesion such as dust, bitumen, fats, paint residue. Excessively absorbent surfaces should be primed with the KLEiB G1 primer prior to any work.

### mortar preparation

Prepare the KLEiB C22 mortar by pouring the contents of the bag to a container with an adequate amount of water and stirring the mixture until the resulting mass is uniform. The mortar will be ready for use after mixing it once more after 5 minutes.

### application

Apply KLEiB C22 with a metal trowel or a finishing trowel, pressing it hard against the substrate. Larger defects should be filled beforehand with a layer of up to 80 mm. Make sure that the complete screed or floor does not dry too rapidly for the first two days, for example by sprinkling it with water and covering it with foil.

### consumption

Approx. 2 kg of mass per 1 m<sup>2</sup> with a thickness of 1 mm.

### storage and transportation

Store and transport the mortar in airtight bags on pallets in dry conditions. Protect against moisture. Store for a maximum of 12 months after the production date found on the label in the conditions specified above. Contains hydrated lime and Portland cement.