

## C21 — CEMENT SCREED

- Easy and efficient to use
- Very good grip
- High strength
- Reduced shrinkage
- Water and cold-resistant

### USE

KLEIB PROFESSIONAL C21 is **used for making indoor screeds and floors on any kind of minerals surfaces in less frequently used rooms, with a layer thickness between 10 and 80 mm**. It is suitable to be used as a layer of floating floor on a damp-proof course or thermal insulation. The minimum thickness is 40 mm (60 mm for underfloor heating systems). It can also be used to even out surfaces and fill in cavities or defects in the floor surface using layers that are 10 to 80 mm thick.

### SUBSTRATE PREPARATION

The substrate should be stable, solid and clean (i.e. free of any impurities that could weaken the mortar's adhesion). Excessively absorbent surfaces should be primed with the KLEIB PROFESSIONAL G1 primer.

### MORTAR PREPARATION

Prepare the 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 the mortar using a trowel or a finishing trowel, rubbing the mass in and pressing it against the substrate. Make sure that the complete screed or floor does not dry too rapidly for the first two days.

### PRODUCT CONSUMPTION

Approx. 2 kg of dry mortar per 1 m<sup>2</sup> of plaster that is 1 mm thick.

### STORAGE

Store the mortar in airtight bags in dry conditions for a maximum of 12 months after the production date found on the label.

### TECHNICAL SPECIFICATION

Proportions of the mixture		0.11 ÷ 0.13 l of water per 1 kg of mortar
		2.75 ÷ 3.25 l of water per 25 kg of mortar
Mortar working time		Approx. 4 hrs
Temperature	of mortar preparation	Between +5°C and +25°C
	of surface and ambient temperature during application	Between +5°C and +25°C
Min. layer thickness		10 mm
Max. layer thickness		80 mm

<b>CE</b> 15	PN-EN 13813:2003 Screeds and materials used for making screeds. Materials. Properties and requirements.
The material is intended for making indoor cement screeds.	
Compressive strength	Class C25 ( $\geq 25 \text{ N/mm}^2$ )
Flexural strength	Class F5 ( $\geq 5 \text{ N/mm}^2$ )
Abrasion resistance	Class A12
Surface hardness	Class SH50
Release of corrosive substances	CT
Reaction to fire (Class)	A1 <sub>F1</sub>

Declaration of Performance C21/2015

This product is approved by the National Institute of Hygiene

The name KLEIB C is restricted



**Bar code:** 5908272625226

**Manufacturer:** KLEIB Sp. z o.o. Kolejowa 15 - 17, 87-880 Brześć Kujawski, Phone/Fax: 54 233 82 83, [www.kleib.pl](http://www.kleib.pl)

**Produced in the following plant:** KLEIB Sp. z o.o. Kolejowa 15 - 17, 87-880 Brześć Kujawski

Each pictograph should take about 1/15 of the entire label surface and 1 cm<sup>2</sup> in minimum.

Label size (in mm): at least 74 × 105

Danger!

Contains Portland cement.

**H335:** May cause respiratory irritation.

**H315:** Causes skin irritation.

**H318:** Causes serious eye damage.

**H317:** May cause an allergic skin reaction.

**P102:** Keep out of reach of children.

**P261:** Avoid breathing dust.

**P280:** Wear protective gloves/protective clothing/eye protection/face protection.

**P303 + P361 + P353:** If on skin (or hair): Remove/Immediately take off all contaminated clothing. Rinse skin with water/shower.

**P333 + P313:** If skin irritation or rash occurs: Get medical advice/attention.

**P305 + P351 + P338:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Contains under 0.0002% of chrome (VI) for the whole period of validity.