

## **C18** — MANUAL APPLICATION PLASTERING MORTAR FOR INDOOR AND OUTDOOR USE

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

### **USE**

KLEIB PROFESSIONAL C18 is a mortar used for indoor and outdoor manual application of traditional plasters.

### **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 prior to plastering works.

### **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 manually using a trowel on a previously applied layer of render. Even out with a straightedge and then rub the surface with a wooden or polystyrene plaster. The layer should be 10 - 20 mm thick. Freshly-plastered surfaces should be protected against drying too rapidly, e.g. by spraying them with water.

### **PRODUCT CONSUMPTION**

Approx. 20 kg of dry mortar per 1 m<sup>2</sup> of plaster that is 10 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		0.15 ÷ 0.17 l of water per 1 kg of mortar
		3.75 ÷ 4.25 l of water per 25 kg of mortar
Mortar working time		Approx. 5 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		20 mm

<b>CE</b> 15	PN-EN 998-1:2012 Requirements for wall mortars. Part 1: plastering mortar.
General-purpose plastering mortar developed for indoor and outdoor application.	
Adhesion	0.1 N/mm <sup>2</sup> – FP:A
Compressive strength	CSII category (1.5÷5.0 N/mm <sup>2</sup> )
Gross weight when dry	1690 kg/m <sup>3</sup> ±20
Reaction to fire (Class)	A1
Water absorption	W1
Water vapor permeability coefficient	≤ 9
Thermal conductivity coefficient (chart value)	0.67 W/mK ( $\lambda_{10, dry}$ )
Durability	Cold-resistant

**Declaration of Performance C18/2015**

This product is approved by the National Institute of Hygiene

The name KLEIB C is restricted

**Bar code:** 5908272625196

**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. Contains calcium hydroxide.

**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.