

**C15** — MORTAR **USED FOR INDOOR AND OUTDOOR APPLICATION**  
**CLASS — M10**

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

**USE**

KLEIB PROFESSIONAL C15 is used for erecting load-bearing and standard walls. It is intended for laying brick walls of overground floors, basements and foundations. The joint made of this mortar should be 10 to 15 mm thick.

**SUBSTRATE PREPARATION**

The surfaces of joined elements should be dry, stable, flat and solid (i.e. sufficiently strong and purified of any layers that could weaken the mortar's adhesion). Excessive absorbency of the substrate should be reduced with the KLEIB PROFESSIONAL G1 primer before applying the putty.

**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**

Adhere to traditional rules of bricklaying. Lay bricks on completely filled joints. In the case of walls that are going to be covered by plaster, leave unfilled joints (about 5 - 10 mm thick) on the outside faces of the bricks. Apply joints that are 10 - 15 mm thick.

**PRODUCT CONSUMPTION**

Wall thickness (solid brick)	Dry mortar consumption with a 10 mm joint thickness
12 cm	approx. 75 kg/m <sup>2</sup>
25 cm	approx. 150 kg/m <sup>2</sup>
38 cm	approx. 225 kg/m <sup>2</sup>
51 cm	approx. 300 kg/m <sup>2</sup>

**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		0.13 ÷ 0.15 l of water per 1 kg of mortar
		3.25 ÷ 3.75 l of water per 25 kg of mortar
Mortar working time		Approx. 3 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		15 mm

<b>CE</b> 15	PN-EN 998-2:2012 Requirements for wall mortars. Part 2: mortar.
General-purpose mortar developed for indoor and outdoor application. Intended for reinforced and non-reinforced elements that are subject to the construction requirements	
Compressive strength	Class M10
Initial <b>shear</b> strength (chart value)	$\geq 0.15 \text{ N/mm}^2$
Chloride content	0.007 % Cl
Reaction to fire (Class)	A1
Water absorption	$0.22 \text{ kg/m}^2, \text{ min}^{0.5}$
Water vapor permeability coefficient (chart value)	$\mu 5/35$
Thermal conductivity coefficient (chart value)	$0.83 \text{ W/mK } (\lambda_{10, \text{dry}})$
Durability	Cold-resistant

Declaration of Performance C15/2015  
 This product is approved by the National Institute of Hygiene  
 The name KLEIB C is restricted

**Bar code:** 5908272625165

**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.