C14 — MORTAR USED FOR INDOOR AND OUTDOOR APPLICATION OF THIN JOINTS
CLASS — M10

- Easy and efficient to use
- Excellent grip and flexibility
- May be used with joints that are as thin as 1 mm
- For reinforced and non-reinforced walls
- Water and cold-resistant

USE
KLEIB PROFESSIONAL C14 is used for erecting load-bearing and standard walls with thin joints. It can also be used to even out or putty surfaces. Apply layers that are 1÷5 mm thick. Intended for indoor and outdoor use.

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 dry mixture to a container with an adequate amount of water and stirring it until the mass is of uniform texture. The mortar will be ready for use after mixing it once more after 5 minutes.

APPLICATION
Apply the mortar evenly on the surfaces of the joined elements of the wall with a notched trowel. Also apply the mortar on the vertical surfaces where elements are going to be joined, unless predicted otherwise by the chosen technology. Each subsequent element should be pressed against the stack and beaten with a rubber hammer to the correct position.

PRODUCT CONSUMPTION

Uniform wall thickness	Mortar layer thickness 3 mm	From a 25 kg bag
12 cm	approx. 4 kg/m²	approx. 6.2 m²
18 cm	approx. 6 kg/m²	approx. 4.2 m²
24 cm	approx. 8 kg/m²	approx. 3.1 m²
30 cm	approx. 10 kg/m²	approx. 2.5 m²
36 cm	approx. 12 kg/m²	approx. 2.1 m²

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		0.25 ÷ 0.27 l of water per 1 kg of mortar
		6.25 ÷ 6.75 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		1 mm
Max. layer thickness		5 mm

CE 15	PN-EN 998-2:2012 Requirements for wall mortars. Part 2: mortar.
Mortar developed for indoor and outdoor application of thin joints. Intended for reinforced and non-reinforced elements that are subject to the construction requirements	
Compressive strength	Class M10
Initial compressive strength (chart value)	≥ 0.30 N/mm^2
Chloride content	0.03% Cl
Reaction to fire (Class)	A1
Water absorption	0.4 kg/m^2, $min^{0,5}$
Water vapor permeability coefficient (chart value)	μ 5/20
Thermal conductivity coefficient (chart value)	0.47 W/mK ($\lambda_{10, dry}$)
Correction time	≥ 7 minutes
Aggregate fraction	≤ 1.0
Durability	Cold-resistant

Declaration of Performance C14/2014
This product is approved by the National Institute of Hygiene
The name KLEIB C is restricted
Bar code: 5908272625622
Manufacturer: KLEIB Sp. z o.o. Kolejowa 15 - 17, 87-880 Brześć Kujawski, Phone/Fax: 54 233 82 83, 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^2 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.