

# KLEIB S1 — Flexible joint compound

## Product specification:

- White, flexible finishing plaster based on anhydrite
- Extended open time
- Vapor permeable
- For manual or mechanical application
- For joining and finishing of walls and ceilings
- Easy to apply and treat
- Does not dust during grinding

## USE

KLEIB S1 is a white, dual-use joint compound. It is intended for joining and puttying plasterboards or finishing and decorating buildings. KLEIB S1 can be used on cement-lime, concrete and gypsum substrates as well as plasterboards.

## SUBSTRATE PREPARATION

The substrate should be stable and solid (i.e. sufficiently strong and purified of any layers that could weaken the mortar's adhesion). Excessively absorbent surfaces should be primed with the KLEIB G1 primer. Weaker, weathered substrates should be strengthened with a **KLEIB G2 fine particle primer**.

**Do not apply KLEIB S1 on chalk or alkyd paints.**

## COMPOUND 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. If used for filling defects, the product's consistency should be thicker.

## APPLICATION

Apply the compound evenly on the substrate with a stainless steel finishing trowel, pressing it against the substrate. **The compound can also be applied with an airless spray gun.** After the compound has dried, any irregularities in the surface should be removed out with sandpaper or a mesh sanding sheet.

## PRODUCT CONSUMPTION


Approx. 1 kg of dry mass (1 mm thick ) per 1 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	0.30 ÷ 0.35 l of water per 1 kg of mortar
	7.50 ÷ 8.75 l of water per 25 kg of mortar
Open time	Approx. 20 minutes
Working time	Approx. 12 hours (with appropriate conditions)
Max. thickness of one layer	Up to 2 mm
Mortar preparation temperature	Between +5°C and +25°C
Surface and ambient temperature during application	Between +5°C and +25°C

	<b>PN-EN 13963:2008</b> Materials intended for joining plasterboards. Definitions, requirements and testing methods	
	<b>Dual-use joint compound for manual or mechanical application</b>	<b>type 3A</b>
Flexural strength	force at which first crack appears	<b>112 [N]</b>
	Destructive force	<b>205 [N]</b>
Adhesion		<b>&gt; 0.25 [N/mm<sup>2</sup>]</b>
Resistance to cracking		<b>No cracks within 50 mm of the wedge's thin end</b>
Percentage of thick particles	residue in a 0.315 mm sieve	<b>0 %</b>
	residue in a 0.200 mm sieve	<b>&lt; 1%</b>
Reaction to fire		<b>Class A1</b>

This product has Hygiene Certificate.