

EN

**KLEiB**  
 PROFESSIONAL

## MOSAIC PLASTER MORTAR



- High durability
- Resistance to washing, cleaning and abrasion
- Exceptionally aesthetic
- High resistance to mechanical damage
- Total resistance to UV rays and weather conditions

KLEiB M10 is an element of the external thermal insulation composite system (ETICS).

**EPS  
XPS**
**Thermal insulation system  
based on polystyrene**

### USE

Protective and decorative plaster in the ETICS KLEiB external thermal insulation composite system. It can be used on any mineral surface which is even and sound. It can also be applied on surfaces of building base courses, wall bases, balcony balustrades, fencing elements, as well as in interiors where increased mechanical resistance is required, such as staircases, corridors, halls etc.

### WORKING SURFACE PREPARATION

The working surface should be stable, firm, dry and even – without any damage or surface roughness, as such defects may be visible after applying the plaster. Surfaces should be primed using KLEiB C3, and when this has dried (no later than 72 hours) the plaster may be applied. In case of dark composites of aggregate in mosaic plaster it is recommended to use body-tinted KLEiB C3 primer in the colour matching the brightest coloured quartz aggregate.

### PREPARATION OF PLASTER

The contents of each package should be mixed using a low speed electric drill until a smooth uniform consistency is obtained. In order to avoid the mortar forming a foam, rapid stirring should be avoided. If the mixture is too thick 100 to 200 g of water may be added. The user may add stained quartz aggregate to the package with premix. The user has at his disposal marked packagings of aggregate whose composition may be set in accordance with the KLEiB M10 colour range or determined independently according to taste. After pouring the portions of aggregate into the package with premix, the contents should be mixed using a mixer attachment on a low-speed electric drill. Tools should be washed with water immediately after use. **For the Granostar Light 0.1-0.6 mm aggregate, to obtain a uniform colour on one application surface, a tub of the KLEiB M10 plaster should be mixed together in a large pan.**

### INSTRUCTIONS FOR USE

Apply the plaster with a stainless steel plasterer's float to a thickness of a grain of aggregate. Then the entire surface should be smoothed and trowelled using a plasterer's float to achieve an even surface. It must be performed within 72 hours of priming the surface. Do not apply the mortar on moist surfaces. **Note: the 0.1-0.6 mm aggregate should be applied twice.**

### USAGE

2.4-2.7 kg/m<sup>2</sup> for grain size of 0.1-0.6 mm (double application)

3.1-3.5 kg/m<sup>2</sup> for grain size of 0.8-1.2 mm

3.3-3.6 kg/m<sup>2</sup> for grain size of 1.0-1.6 mm

### STORAGE AND TRANSPORT

KLEiB M10 should be stored and transported in tightly closed tubs in dry conditions and plus temperatures, for up to 12 months from the date on the packaging.

### TECHNICAL SPECIFICATIONS

Bulk density	approx. 1.7 g/cm <sup>3</sup>
Setting time	approx. 20 min
Drying time	approx. 12-48 h
Working surface temperature and ambient temperature during work	from +10°C to +25°C

M <sup>10</sup>	Premix net weight	Net weight of ready product	pieces per pallet	consumption
	4,3 kg	16 kg	44	2.4-2.7 kg/m <sup>2</sup> for grain size of 0.1-0.6 mm (double application) 3.1-3.5 kg/m <sup>2</sup> for grain size of 0.8-1.2 mm 3.3-3.6 kg/m <sup>2</sup> for grain size of 1.0-1.6 mm