

# ***LUBI-TSEMENTSEGU***

## **LIME-CEMENT MIXTURE**

**Plastic lime-cement mixture for plastering and mortar work  
To be applied manually or with a plaster gun**

### **COMPOSITION**

- Quartz sand with a max. grain size of 1-3 mm, hydrated lime and Portland cement in an approx. ratio of 1:1 and additives enhancing treatment.
- The colour of the hardened mixture is light grey.

### **APPLICATION AREAS**

- For levelling and plastering walls made from various mineral construction materials indoors and outdoors.
- For repairing old plastered surfaces.
- For masonry work.

### **SUBSTRATE**

- Suitable substrates are brick, expanded clay, lightweight concrete, concrete, old concrete and other moisture-resistant surfaces.
- The substrate must be clean, strong and dust-free.
- Substances weakening adhesion to the substrate such as loose paint, grease, dust and previous levelling layers not resistant to moisture must be removed.

### **PREPARATION FOR USE**

- Pour the necessary amount of mixture powder into a mixing container.
- Add water in an amount of 18–20% of powder weight. (4.5–5 litres per 25 kg bag)
- Stir mechanically or manually until the compound is fully wet.
- Let the mix settle a bit and stir once again. Suitable working temperature +5–30°.
- Use the prepared mix within 2 hours.

### **WORKING WITH THE MIXTURE**

- Very dry and porous surfaces must be moistened before plastering.
- The mixture is applied on the surface manually or with a plaster gun. The thickness of one plaster layer is 5-25 mm. For levelling the mixture use plumb rules-trowels and sleekers.
- The curing and processing time on the wall depends on the water absorption properties of the substrate, thickness of the layer, temperature and air humidity.
- It is recommended to protect the freshly plastered surfaces from drying too fast and cold. Before applying the next plaster layer wait until the previous one is completely dry.
- The plastered surfaces can be finished with paint after they are completely dry.
- The mixture can be used for masonry work. Can be used for laying natural stones and renovating old masonry.

### **TECHNICAL DATA**

- The compression strength of the hardened mixture is not less than 10 MPa pursuant to EVS-EN 1015-11.
- Water vapour permeability factor  $\mu$  27 pursuant to EVS-EN 1015-19.
- Adhesion strength  $\leq$  0.3 MPa. Fire sensitivity A1 (non-combustible).
- Approx. consumption around 16 kg per plastering one square metre with a one cm layer.

### **LIMITATIONS – STORAGE**

- The temperature of the substrate, plaster and room must be over + 5°C
- Bagged mix powder has to be stored in dry conditions.
- The shelf life of the mixture powder is one year.