

KERGROHV

INSULATING LIGHT PLASTER

May be applied manually or with a mortar gun.

COMPOSITION

- Lightweight aggregate, limestone powder, quartz sand. As a binder cement, polymers and additives improve processing.
- The colour of the hardened mixture is white.

USAGE

- For levelling and plastering walls made from various mineral construction materials.
- For repairing old plastered surfaces.
- For interior and exterior use.

SUBSTRATE

- Suitable substrates are lightweight concrete, brick, expanded clay, concrete, old plaster and other moisture resistant surfaces.
- The substrate must be clean, hard and free of dust.
- Substances that can weaken bonding to the substrate such as loose paint, grease, dust and previously applied not moisture-resistant levelling substances must be removed.

PREPARATION FOR USE

- Pour the required quantity of the dry mix in the mixing bowl.
- Add water 28-30% of the mix weight. (4.2–4.5 litres per 15 kg package)
- Stir mechanically or manually until the mix is completely wet.
- Let the mix stand for a while and mix once again. Suitable working temperature is from +5° to +30°.
- The ready mix is usable for approx. 2 hours.

APPLYING

- Very dry and porous surfaces should be moistened before plastering.
- The mix is applied on the surface manually or with a mortar gun. The thickness of one plaster layer is 5-30 mm. The mix is levelled with plumb rules, floats or trowels.
- The curing and processing time on the wall depends on the water absorbency of the substrate, layer thickness, temperature and relative humidity.
- It is recommended to protect the freshly plastered surfaces against drying too rapidly, and frost. Before the next plaster layer is applied on the wall the previous layer must be dry.
- The plastered surfaces can be painted after they are completely dry.

TECHNICAL DATA

Compressive strength of the hardened plaster mix not less than 5 MPa pursuant to the requirements of EVS-EN 1015-11.

Water vapour permeability $\mu \leq 15$ pursuant to the requirements of EVS-EN 1015-19.

Bond strength $> 0.3 \text{ N/mm}^2$

Thermal conductivity T 2 pursuant to the requirements of EVS-EN 998-1:2010.

Dry density $\leq 1000 \text{ kg/m}^3$ pursuant to the requirements of EVS-EN 1015-10.

Fire sensitivity A1 (non-combustible).

Estimated consumption approx. 12-15 kg per plastering one square metre with 1 cm layer.

LIMITATIONS – STORAGE

- Substrate, plaster and ambient temperature during the application process must exceed + 5°C
- Bagged mix powder has to be stored in dry conditions.
- The shelf life of the mixture powder is one year.