

# **AHJUSEGU**

## **FIRE-RESISTANT MASONRY MORTAR**

**For laying baked brick wood-fired furnaces flues, ovens and fireplaces**

### **PROPERTIES**

- High-quality masonry mortar of high plasticity, grey colour, fire-resistant additives.

### **COMPOSITION**

- Fine grain quartz sand (max grain diameter 0.8 mm), clay powder, fire-resistant adhesive
- agents.

### **APPLICATION**

- For laying wood-fired furnaces, fireplaces, ovens, flues. For laying of refractory bricks.
- Interior masonry works.

### **PREPARATIONS FOR WORK**

- Pour necessary amount of mortar powder into mixer or mixing vessel.
- Add 24-26% water (6-6.5 l water per 25 kg bag).
- Mix carefully manually or mechanically until the mortar is completely wet.
- Let stand for 10-15 min and mix again.
- Prepared mortar is usable for 3 hrs.

### **TIPS FOR MASONRY WORKS**

- In laying baked bricks mortar layer should normally be 8-10 mm thick.
- It is handy to use jointer for smoothing the joints.
- For coloured joints leave about 10 mm hollow space and fill later with UNINAKS joint fill plaster of required colour.
- Start heating of ready ovens and fireplaces carefully with small flame.

### **REQUIREMENTS AND PRECAUTIONS**

- In working with the mortar the temperature of stone, mortar and air must be over +1°C.
- Unhardened ready mortar and freshly laid oven or fireplace must not freeze.
- Avoid contact of mortar with eyes and respiratory tract.

### **STORAGE**

- Bagged mortar powder is to be stored in dry premises.
- Storage time of mortar powder in normal conditions is 12 months.

### **NORMAL CONSUMPTION AMOUNT**

- 25 kg bag yields 25-30 average-size bricks.
- In laying refractory bricks consumption of mix depends on the size and shape of the bricks.