

## kP-1020 masonry mortar

*For application as brick and finishing mortar up to moderately salt-loaded substrates*

### APPLICATION

The kP-1020 Masonry Mortar is a purely mineral product, composed of hydraulic lime and can be used as a brick and finishing mortar. In case the salt load is evidently too high, we advise using the Jahn M150 Masonry Mortar. This mortar is salt, frost and moisture resistant, as well as salt and moisture regulating.

### PROPERTIES

The kP-1020 Masonry Mortar is characterised by high vapour diffusion, high mechanical values as well as weather resistance.

### SUITABLE SUBSTRATES

The kP-1020 Masonry Mortar can be applied on all mineral, stony, absorbing and load-bearing substrates. The substrate must be free from dust, dirt and other contaminations. Moreover, there should be no moisture from leakages and detrimental salts.

### UNSUITABLE SUBSTRATES

The kP-1020 Masonry Mortar cannot be applied on dense, film-forming, hard (clinker-like) and non-absorbing substrates, such as dispersion, silicones and oil.

### TEMPERATURE

The kP-1020 Masonry Mortar may not be applied in temperatures below 5°C (41°F). Please heed wintry temperatures.

### PREPARATION

Application of the kP10-20 Masonry Mortar is done according to the normal methods of bricklaying. After application the fresh mortar must be moistened once a day for three days so as to avoid drying too quickly.

### CLEANING

The tools used for applying the kP-1020 Masonry Mortar can be cleaned with clear water. Any contaminations in undesired places must immediately be removed with clear water.

### SUPPLY

The kP-1020 Masonry Mortar is supplied ready-for-use. Only water needs to be added.

### PACKAGING AND STORAGE

The kP-1020 Masonry Mortar is supplied 25 kg bags. The material can be stored for a maximum period of 6 months, provided the material is stored in sealed packing, in a dry, cool and frost-proof place.

## SAFETY

The kP-1020 Masonry Mortar is free from synthetic substances and aromatics. Still, it is recommended to wear gloves and protective glasses during application. In the event of contact of the material with skin or eyes, rinse with clear water. Keep the material away from children and animals. The material is not intended for consumption.

## TECHNICAL CHARACTERISTICS

Specific gravity (kg/dm <sup>3</sup> )	1.90
Bending/Tensile strength (N/mm <sup>2</sup> )	2.0-3.0
Compression strength (N/mm <sup>2</sup> )	7.0-11.0
Dynamic E-modulus (KN/mm <sup>2</sup> )	8.0-11.0
Water absorption (%)	20.40
Water mixing factor (litre/25kg)	300 - 330
Volume mixed mortar (ml/kg)	700.00
Consumption (kg/m <sup>2</sup> , 15 mm thickness)	1.45
Linear expansion coefficient (%)	0.01
Hydraulic expansion coefficient (%)	0.04
Water vapour permeability (my)	7.79
Capillary water absorption (w value)	77.46

*Modifications and any printing errors excepted. Published data are laboratory values and may vary in practice.*