

kP-1030 Pointing and Masonry Mortar

For pointing and Masonry laying up to moderately salt-loaded substrates

APPLICATION

The kP-1030 Pointing and Masonry Mortar (DIN 18557) is a purely mineral product, composed of hydraulic lime and is excellently suited for pointing Masonry work in non to moderately salt-loaded substrates.

In case the salt load is evidently too high, we advise using the Jahn M110 Pointing Mortar. This mortar is salt, frost and moisture resistant, as well as salt and moisture regulating.

PROPERTIES

The kP-1030 Pointing and Masonry Mortar undergoes a relatively quick carbonation and hydraulic hardening process. Both hardening processes run parallel and so result in an acceptable strength after only a few days. The kP-1030 Pointing and Masonry Mortar has an open and porous structure and is non-shrinking.

SUITABLE SUBSTRATES

The kP-1030 Pointing and 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.

UNSUITABLE SUBSTRATES

The kP-1030 Pointing and Masonry Mortar cannot be applied on dense, film-forming and non-absorbing substrates, such as dispersion, silicones and oil.

TEMPERATURE

The kP-1030 Pointing and Masonry Mortar may not be applied in temperatures below 5°C (41°F). Please heed wintry temperatures.

PREPARATION

Before the kP-1030 Pointing and Masonry Mortar can be applied, the substrate must be adequately prepared. This means that the substrate must be clean and the joints must be cut out in U-shape. The substrate and Masonry work must be pre-moistened. Preferably, this is done one day before application, so that the Masonry work is sufficiently wet on the day of application, which prevents burning of the mortar. The degree of moistening is to be decided during the work. The kP-1030 Pointing and Masonry Mortar must be applied in one activity, using suitable tools. After application the fresh pointing 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-1030 Pointing and Masonry Mortar can be cleaned with clear water. Any contaminations in undesired places must immediately be removed with clear water.

SUPPLY

The kP-1030 Pointing and Masonry Mortar is supplied ready-for-use. Only water needs to be added.

PACKAGING AND STORAGE

The kP-1030 Pointing and 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-1030 Pointing and 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 ³)	1.75
Bending/Tensile strength (N/mm ²)	1.8 - 2.4
Compression strength (N/mm ²)	2.0-5.0
Dynamic E-modulus (KN/mm ²)	7.0-9.0
Water absorption (%)	14.60
Water mixing factor (litre/25kg)	110-140
Volume mixed mortar (ml/kg)	600.00
Consumption (kg/m ² , 15 mm thickness)	1.65
Linear expansion coefficient (%)	0.01
Hydraulic expansion coefficient (%)	0.06

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

