

Joint'in

Pointing mortar for brickwork



Field of Application

Joint'in is suitable for the final pointing of all brickwork, both in new constructions and in the event of renovations/restorations. Joint'in creates joints of joint hardness category VH35 (manually densified), VH45 (pneumatically densified) in accordance with CUR recommendation 61.

Composition

Joint'in is a homogeneous mixture of cement, recomposed, calibrated sand and selected additives to improve the characteristics of the mortar.

- Binding agents: White Portland cement according to EN 197-1.
- Granulate: sieved and recomposed river sand according to EN 13139
- Additives: specific additives to enhance the mortar's workability, water retention and moisture transport resistance.

Colours

Joint'in is available 18 standard colours. Other colours are available on request.

Characteristics

Joint'in is a premixed, water-repellent dry mortar for the final pointing of external brickwork.

Preparation substrate

The joints must be raked out to a depth of at least 10 mm at right angles, stripped of any loose parts and non-adhesive mortars parts and cleaned. The brickwork to be pointed must be moist, without the presence of a water film or drops.

Whilst pointing, the ambient temperature must not be below +5 °C and not exceed +30 °C.

Never work on a frozen or thawing substrate or in the event of risk of frost within 24 hours.

For a correct curing, the freshly applied pointing mortar must be kept moist within a period of 24 hours after having been applied and must be protected against heavy rain or drying too quickly due to wind and direct sunlight, by covering it with plastic sheeting.

Preparation mixture

Joint'in must be mixed with 9% pure water (2,25L per bag of 25 kg), preferably in a forced action mixer or other suitable mixing system, in a steady proportion.

The pointing mortar must be homogeneous and free of lumps.

Application

Use a clean brick jointer to fill and finish the joints.

When filling the joints, the mortar must be firmly pressed.

The pointing mortar must be used within 2 hours after mixing with water.

Once the mortar has started to set, do not remix it and do not add water. The pointed brickwork must be brushed off and made free of dust.

After pointing, the brickwork must be kept moist.

The colour of the joints can differ slightly depending on the amount of mixing water, the execution and the weather conditions during the drying process

Consumption

Yield :

± 550 L of concrete per ton dry mortar

± 14 L of concrete per 25 kg dry mortar

± 5,5 L of concrete per 10 kg dry mortar

± 2,8 L of concrete per 5 kg dry mortar

E.g.: ± 7 kg/m² for an area with stone dimensions of 210 x 100 x 50 mm

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Technical data

Granulometry	0/2 mm
Strength class (NBN EN 998-2)	M15
Dry bulk density	$\pm 1,750 \text{ kg/m}^3$
Mixing rate	$\pm 9\%$
Dry density of hardened mortar	$\pm 1900 \text{ kg/m}^3$
Compression strength after 28 days	$> 15 \text{ N/mm}^2$
Hardness	class VH 35 (compacted manually), VH 45 (compacted mechanically)
Yield	$\pm 550 \text{ L/ton}$

Packaging

Joint'in is packed :

- in 5kg buckets on 540kg shrink-wrapped pallets,
- in 10 kg plastic bags on 540 kg shrink-wrapped pallets,
- in 25 kg bags on 1200 kg shrink-wrapped Euro pallets.

Shelf-life in the original, unopened and undamaged packaging, if dry-stored, is 12 months.

Remarks

The work must be performed in accordance with the rules of professional pointing practice and meet the WTCB (TV 208) regulations.

Classification

Joint'in is a pointing mortar of strength class M15 (CE according to the NBN EN 998-2 standard). Joint'in meets the WTCB regulations and the NF XP 10-202, DTU 20.1 standard.

The composition of Joint'in further complies with the instructions of CUR recommendation 61 and Technical Information 208 (WTCB).