Technical Leaflet

LIME JUICE

Mortar plasticizer - Lime replacement

Description

LIME JUICE is a liquid admixture, used to replace lime in lime-cement mortars, offering cement mortars all the advantages of lime and eliminating its disadvantages:

- It increases adhesion of fresh mixture to the substrate.
- It extends the mortar's setting time.
- It improves plasticity by its air-entraining action.
- It increases cohesion of the mortar, thus preventing plaster from sagging.
- It eliminates the risk of "blistering".
- It increases masonry wall strength.
- It significantly reduces the cost of mortar.
- It eliminates lime storage problems.
- It does not contain chlorides or other corrosive ingredients.

Certified with the CE marking as air entraining/plasticizing admixture for masonry mortar, according to EN 934-3:T2. Certificate Nr: 0906-CPR-02412007/02.

Fields of application

LIME JUICE is ideal for preparing masonry, paving, plastering or marble mortars, as well as strong layers in general.

Technical Data

Colour:	Clear
Viscosity	25 mPa.s (Brookfield, +230°C)
Density:	1.01 – 1.03 kg/l

Directions for use

LIME JUICE is added into the mixing water of mortars. Due to its plasticizing effect, less mixing water is required.

Consumption

MASONRY OR PAVING MORTARS:

40ml of LIME JUICE per 20kg of cement.

Preparation of 1m³ of mortar requires:

Cement:	225 kg
Sand:	0.90 m³
LIME JUICE:	450ml

PLASTERING MORTARS:

60ml of LIME JUICE per 20kg of cement.

Preparation of 1m³ mortar requires:

Cement:	250kg
Sand:	0.84 m³
LIME JUICE:	750ml

Packaging

Stored in 5kg plastic containers.

Shelf-life/Storage

18 months from production date, if stored in original, opened/unopened packaging, at temperatures between +5°C and +350°C.

Protect from direct sun exposure and frost.

Remarks

LIME JUICE offers better workability when mixed with fine-particle sand.

Overdosage (more than 0.4% by cement weight) will decrease mortar strength.

CE

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Max chloride content: chloride free
Max alkali content: < 2.0%
Corrosive behavior: contains components only from EN 934-1:2008, Annex A.1
Dangerous substances: none