Technical Datasheet

DOMOLIT

Mortar plasticizer - Lime replacement

Description

DOMOLIT 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

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

Technical data

Color:	dark brown
Viscosity:	25 mPa·s (Brookfield, +23^{0}C)
Density:	1.01 - 1.03 kg/l

Directions for use

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

Consumption

- **Masonry or paving mortars:**

50 g of DOMOLIT per 25 kg of cement.

Preparation of 1 m^3 of mortar requires:

Cement:	225 kg
Sand:	0.90 m^3
DOMOLIT:	450 g

- **Plastering mortars:**

75 g of DOMOLIT per 25 kg of cement.

Preparation of 1 m^3 mortar requires:

Cement:	250 kg
Sand:	0.84 m^3
DOMOLIT:	750 g

Packaging

- 1 kg, 5 kg, 20 kg plastic containers and
- 220 kg drums.

Shelf-life/Storage

18 months from production date, if stored in original, unopened packaging, at temperatures between +5^{O}C and +35^{O}C. Protect from direct sun exposure and frost.

Remarks

- DOMOLIT offers better workability when mixed with fine-particle sand.
- Overdosage (more than 0.4% by cement weight) will decrease mortar strength.

DOMOLIT

CE

0906

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EN 934-3:2009+A1:2012

DoP No.: DOMOLIT/1634-03

DOMOLIT

Air entraining/plasticizing admixture
for masonry mortar

EN 934-3, T2

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: compliance

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