

PRODUCT DATA SHEET

EVERBUILD® 201 Mortar Admix

Air entraining plasticiser for brick-laying & plastering mortars.

PRODUCT DESCRIPTION

EVERBUILD® 201 Mortar Admix is an air-entraining, liquid-plasticising admixture which forms extremely stable air bubbles in mortar mixes. The admix improves workability and freeze/thaw resistance in brick laying mortars, reduces the need for lime and smoothes out variations between separate batches of sand and cement.

USES

- Load-bearing brickwork
- Block laying
- External/Internal rendering
- Pointing/repointing brickwork.

CHARACTERISTICS / ADVANTAGES

Out-performs traditional Vinsol Resin Based plasticisers (see specific data).

- Improves trowelability.
- Easier tamping down and alignment.
- Improves workability.
- Provides resistance to freeze/thaw cycling down to - 2 °C in both wet and dry mortar.
- Chloride free (chloride ion content <0.1 %).
- Reduces bleeding.
- Replaces lime in mix, hence reduces possibility of lime bloom and efflorescence.

Loss After 1 Hr Standing	Not reduced by more than 3 % from vol. air entrained
Change After Extra 15 Mins Mixing	Not more than 5 % from vol. air entrained

APPROVALS / STANDARDS

Conforms to BSEN934- Part 3 (2009).

PRODUCT INFORMATION

Packaging	5 L and 25 L Jerry Can 200 L Drum
Shelf Life	Up to 2 years in unopened containers.
Storage Conditions	Store in original unopened containers between 5 °C and 25 °C.
Appearance / Colour	Dark brown liquid with characteristic odour.
Density	0.98-1.02 g/cm ³
Conventional Dry Material Content	1.43 - 1.75 %
pH-Value	7.4 - 9.4
Total Chloride Ion Content	<0.1%
Consumption	125 - 250 ml per 50 kg cement

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- Do not use in structural concrete.
- Do not overdose.
- Do not mix with other additives in same gauging water.
- Do not use in lime based mixes.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

MIXING

In all cases, add to mix at an addition rate of 150 ml to 250 ml per 50 kg cement, depending on the degree of plasticising/entrainment required. Note: remember to reduce required quantity of water accordingly. One litre of EVERBUILD® 201 Mortar Admix added to a 200 L drum of gauging water will be sufficient for gauging approx. 4 x 50 kg cement for mortar or render mixes. Whilst overdosing should be avoided, this formulation does safeguard against moderate overdosing (up to double the maximum rate).

The following are examples of modified mix designs.

1 : 0.25 : 3 cement : lime : sand

use 1 : 3 cement : sand + EVERBUILD® 201 Mortar Admix

1 : 1 : 6 cement : lime : sand.

use 1 : 6 cement : sand + EVERBUILD® 201 Mortar Admix

BRICKLAYING/POINTING: Use a mix design appropriate to brick strength (1 : 3 to 1 : 6).

INTERNAL RENDERS: 1 : 6 + EVERBUILD® 201 Mortar Admix

EXTERNAL RENDERS: 1 : 3 + EVERBUILD® 201 Mortar Admix

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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