

PRODUCT DATA SHEET

EVERBUILD® 203 Accelerator & Frost-proofer

Chloride free liquid admixture for accelerated setting and hardening time of concrete and mortar.

PRODUCT DESCRIPTION

EVERBUILD® 203 Accelerator & Frostproofer is a liquid additive formulated to accelerate setting and hardening times of mortar, concrete, screeds and rendering to provide frost protection during the setting period. Effective even in sub-zero temperatures and can also be used in normal temperatures where a rapid set is required and as a plugging admixture.

USES

- Mortars.
- Floor screeds.
- External/Internal cement based rendering.
- Concrete (not structural).
- Suitable for use as an emergency repair plugging aid when mixed neat with cement.

PRODUCT INFORMATION

Packaging	5 L and 25 L jerry can.
Shelf Life	36 months from date of manufacture in original unopened containers.
Storage Conditions	Store in dry conditions away from direct sunlight between +5 °C and +40 °C. Protect from frost.
Appearance / Colour	Clear liquid.
Density	ca. 1.2 g/cm ³
pH-Value	9-11

CHARACTERISTICS / ADVANTAGES

- Faster finishing times even in cold weather.
- Provides frost protection down to -8 °C in wet mortar.
- Chloride free non corrosive formula.
- Optimises mould usage.

APPROVALS / STANDARDS

Certified to BS EN 934-2 Table 7.

APPLICATION INFORMATION

Recommended Dosage

As a frostproofers:

Ambient temperatures down to -4 °C : 2.5 L per 50 kg cement.

Ambient temperatures down to -8 °C : 5 L 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 overdose.
- Do not use weak mixes during cold weather.
- Do not mix with other additives in same gauging water.
- Dispose of this product and packaging correctly. Do not allow to enter watercourses.
- It is the user's responsibility to determine suitability for use. If in doubt, please contact Technical Services Department for further advice.

ECOLOGY, HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

All materials used must be free from ice and the temperature of the mix prior to placing must not be less than +4 °C.

APPLICATION METHOD / TOOLS

AS AN ACCELERATOR: Add to gauging water at an addition rate of 2.5 to 5 L per 50 kg cement depending on the degree of acceleration required. Note: remember to reduce required quantity of water accordingly.

AS A FROSTPROOFER: Add to gauging water at an addition rate of use 2.5 L per 50 kg cement for protection down to -4 °C and 5 L per 50 kg cement for protection down to -8 °C, again, reducing required quantity of water accordingly.

AS A PLUGGING AID: Mix neat with fresh cement and place immediately.

Concrete must be covered after placing until the minimum strength is obtained or until the temperature rises above freezing. Do not use with high alumina cement.

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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Product Data Sheet

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