

PRODUCT DATA SHEET

Sika MaxMix® Frostproofer

A CONCENTRATED AIR ENTRAINING FROSTPROOFER AND ACCELERATOR

PRODUCT DESCRIPTION

Sika MaxMix® Frostproofer is a highly concentrated chloride free air entraining admix which is designed specifically for cold weather working, eliminating the requirement for a second frostproofing admix. Sika MaxMix® Frostproofer reduces the setting time of sand and cement based mortars, renders, screeds etc and is the ideal choice for a cold weather admix providing frost protection below -4°C. Being chloride free, Sika MaxMix® Frostproofer will not attack embedded steel and hence is suitable for use with brick ties etc.

USES

Sika MaxMix® Frostproofer can be used in all situations where resistance to low temperatures is required:

- 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

CHARACTERISTICS / ADVANTAGES

- Fast acting powerful formula - 1litre treats up to 100kg of cement
- Reduces water absorption and penetration
- Improves workability and accelerates set
- Protects in subzero temperatures
- Easy to use, controlled dosage system, so no waste or spillages

Solids Content 48-52%

APPROVALS / STANDARDS

Tested to BSEN934- Part 3 (2009)

PRODUCT INFORMATION

Packaging	1ltr container
Appearance / Colour	Yellow / green liquid
Shelf Life	12 months from date of manufacture in unopened containers.
Storage Conditions	Store in original unopened containers between 5°C and 25°C. Do not store above 30°C.
Density	1.46-1.52 g/cm ³ @ 20°C
pH-Value	5.5 - 7.5
Total Chloride Ion Content	<0.1%

APPLICATION INFORMATION

Consumption

250-500ml per 25kg of cement

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Mortars must be gauged with frost/ice-free materials and the final mix temperature should not be below 4°C before placing. Shake bottle well before use. Then push downwards on lid and turn anti-clockwise to remove. Squeeze bottle to fill measure cup (up to 25ml maximum).

Add three to twenty 25ml shots (depending on level of frostproofing required) to 5ltrs of gauging water. Dosage as a Frostproofer from ambient temperature down to -4°C: 250ml per 25 kg cement. Ambient temperature below -4°C: 500ml per 25 kg cement.

LIMITATIONS

- Do not exceed recommended dosage rate range.
- Contains a powerful air entrainer. Do not use in structural concrete.
- Ensure container is always kept in a secure upright position during both storage and transit. Dispose of this product and packaging correctly.
- Do not allow to enter watercourses.
- Always read label before use and wear suitable protective equipment.
- It is the user's responsibility to determine suitability for use. If in doubt, please contact Technical Services Department for further advice.

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.

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 the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

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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