

PRODUCT DATA SHEET

Sika MaxMix® Waterproof

CONCENTRATED LIQUID ADMIXTURE FOR POINTING, RENDERS AND SCREEDS.

PRODUCT DESCRIPTION

Sika MaxMix® Waterproof is a highly concentrated waterproofing and air entraining admixture for sand and cement which is 25 times the strength of conventional products.

Sika MaxMix® Waterproof forms extremely stable air bubbles in sand/cement mixes. This improves the workability of mortar/render giving it a “buttery” consistency and helps prevent shrinkage, cracking, crazing and mild frost damage during the curing process, as well as providing long term resistance to freeze/thaw cycles. Contains pore blocking additives to reduce water absorption and reduces the chance of efflorescence (salt formation). Sika MaxMix® Waterproof extends open time to enable large areas to be covered in one go.

USES

- Pool and tank linings.
- External renders.
- External pointing.
- Structures below ground level.

CHARACTERISTICS / ADVANTAGES

- Concentrated formula 1ltr = 25ltrs of standard waterproofer.
- Easy to use gauged bottle.
- Improves water resistance of mortars.
- Added plasticising agent improves workability.
- Provides resistance to freeze/thaw cycling.
- Reduces bleeding.
- Controlled dosage system, resulting in no waste or spillages.
- Compact packaging.

APPROVALS / STANDARDS

Conforms to EN934-3 Air Entraining/Plasticising Admixtures.

PRODUCT INFORMATION

Packaging	1 ltr Jerry Can
Appearance / Colour	Semi Viscous Yellow liquid
Shelf Life	24 months from date of manufacture in unopened containers.
Storage Conditions	Store in original unopened containers between 5 and 25°C. Do not store above 30°C.
Density	1.05 - 1.11 g/cm ³
pH-Value	11.5 - 12.5

Conventional Dry Material Content	22.6 - 25%
Total Chloride Ion Content	<0.1%
Recommended Dosage	20-40ml per 50kg of cement

APPLICATION INSTRUCTIONS

Shake bottle well before use. Push the lid downwards and twist anti-clockwise to remove. Squeeze the sides of the bottle to fill the measuring cup to the required dose (20-40ml per 50kg of cement).

Add Sika MaxMix® Waterproofer to a 10 ltr bucket of water and stir/mix well. Dry mix all other ingredients and add sufficient quantities of water/Sika MaxMix® Waterproofer solution until the desired consistency is achieved. Never add this product directly to the dry mix, always let down into a portion of gauging water. Replace cap after use.

LIMITATIONS

- Do not exceed recommended dosage rate range and DO NOT overmix.
- Ensure container is always kept in a secure upright position during both storage and transit.
- Air entraining formulation – not intended for structural concrete.
- Selection of correct materials and mix design relative to the substrate and exposure levels are of paramount importance.
- Materials for External Render systems and application methods should be in line with BS5262 1991 "Code of Practice for External Rendering" and BS8000 Part 10 1995 "Code of Practice for Plastering and Rendering".
- 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.

EVERBUILD BUILDING PRODUCTS LTD

Site 41, Knowsthorpe Way
Cross Green Industrial Estate
Leeds, LS9 0SW
Tel: 0113 240 3456
Web: www.everbuild.co.uk
Twitter: @everbuild

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited

SIKA IRELAND LIMITED

Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @SikaIreland

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