

## PRODUCT DATA SHEET

# Sika MaxMix® Concentrated Integral Waterproofer

Concentrated liquid admixture for pointing, renders and screeds

## PRODUCT DESCRIPTION

Sika® MaxMix® Concentrated Integral Waterproofer is a highly concentrated air entraining admixture for sand and cement. It waterproofs, plasticises, retards and acts as a salt inhibitor. Sika® MaxMix® Concentrated Integral Waterproofer 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.

## USES

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

## PRODUCT INFORMATION

Packaging	1 L dosing bottle
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 <sup>3</sup>
pH-Value	11.5 - 12.5
Conventional Dry Material Content	22.6 - 25%
Total Chloride Ion Content	<0.1%
Recommended Dosage	20 - 40 mL per 50 kg of cement

## CHARACTERISTICS / ADVANTAGES

- Concentrated formula: 1 L = 25 L of standard water-proofer.
- Improves water resistance of mortars.
- Improves workability.
- Provides resistance to freeze/thaw cycling.
- Reduces bleeding.
- Reduces efflorescence.
- Extends open time.
- Improves frost resistance.
- Reduces shrinkage and cracking.

## APPROVALS / STANDARDS

Conforms to EN934-3 Air Entraining/Plasticising Admixtures.

## VALUE BASE

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

## LIMITATIONS

- Do not exceed recommended dosage rate range and DO NOT overmix.
- Do not use for structural concrete.
- Selection of correct materials and mix design relative to the substrate and exposure levels are of paramount importance.

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

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

Shake bottle well before use then measure the required dosage (20-40 mL per 50 kg of cement). Add Sika® MaxMix® Concentrated Integral Waterproofer to a bucket of water and stir/mix well. Dry mix all other ingredients and add sufficient quantities of water/Sika® MaxMix® Concentrated Integral 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.

## 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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