

PRODUCT DATA SHEET

EVERBUILD® OPTI-MIX® 3-IN-1 RENDER ADDITIVE

Super concentrated render additive.

PRODUCT DESCRIPTION

EVERBUILD® OPTI-MIX® 3-IN-1 RENDER ADDITIVE is a highly concentrated render additive which is 25 times the strength of conventional render additives.

EVERBUILD® OPTI-MIX® 3-IN-1 RENDER ADDITIVE triple action formula acts as a waterproofer, air entraining plasticiser and open time extender which eliminates the need for separate waterproofing/plasticizing admixtures.

EVERBUILD® OPTI-MIX® 3-IN-1 RENDER ADDITIVE forms extremely stable air bubbles in render mixes. This improves the workability of 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. It also contains pore blocking additives to reduce water absorption and reduces the chance of efflorescence (salt formation). EVERBUILD® OPTI-MIX® 3-IN-1 RENDER ADDITIVE extends open time to enable large areas to be covered in one go.

USES

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

PRODUCT INFORMATION

Packaging	1 L plastic bottle
Shelf Life	12 months from date of manufacture.
Storage Conditions	Store in original unopened containers between +5 and +40 °C.
Appearance / Colour	Semi Viscous Yellow Liquid.

CHARACTERISTICS / ADVANTAGES

- Concentrated formula 1 L = 25 L of standard 3 in 1 Additives.
- Easy to use gauged bottle.
- Improves water resistance of mortars.
- Added plasticising agent improves workability
- Helps to reduce salt permeation.
- Prolongs open time of mortar mixes.

APPROVALS / STANDARDS

Certified to BS EN 934-3.

Density	ca. 1.08 g/cm ³
pH-Value	11.5 - 12.5
Total Chloride Ion Content	<0.1 %
Recommended Dosage	20-40 ml per 50 kg of 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 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.
- 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.

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

APPLICATION METHOD / TOOLS

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 (20-40 ml per 50 kg of cement).

Add EVERBUILD® OPTI-MIX® 3-IN-1 RENDER ADDITIVE to a bucket of water and stir/mix well (use up to a maximum 10 L of water). Dry mix all other ingredients and add sufficient quantities of water/Optimix 3 in 1 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.

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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