

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
- Concrete, mortars and screeds.
- External renders.
- External pointing.
- Structures below ground level.

PRODUCT INFORMATION

Packaging	1ltr plastic bottle
Appearance / Colour	Semi viscous yellow liquid
Shelf Life	12 months from date of manufacture.
Storage Conditions	Store in original unopened containers between 5 and 25°C.

CHARACTERISTICS / ADVANTAGES

- Concentrated formula 1ltr = 25ltrs 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.

Viscosity: 1000-3000 cP

APPROVALS / STANDARDS

This product is fully tested to the requirements of EN934 Part 3 Table 2

Density	ca. 1.08 g/cm ³
pH-Value	12±0.5
Recommended Dosage	20-40ml per 50kg of cement

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 (20-40ml per 50kg 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 10ltrs of water). Dry mix all other ingredients and add sufficient quantities of water/Opti-mix 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.

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

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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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