

PRODUCT DATA SHEET

Sika® Rendermix

Water resisting plasticiser for improving render and screeds

PRODUCT DESCRIPTION

Sika® Rendermix is a water resisting plasticiser for improving renders and screeds.

USES

- As a water resisting liquid admixture for sand and cement renders and screeds.
- As an aid to prevent water “bleed” from the fresh mortar.
- As a water reducer to inhibit passage of salts for external or internal rendering and screeding.
- As a mortar improver for pebble dashing or rough-cast finishes.

CHARACTERISTICS / ADVANTAGES

- Lowers porosity.
- Improves durability.
- Retains workability for longer.
- Air entraining.
- Prevents water bleeding.
- For exterior renders and screeds.

Dosage Rate 250-500ml per 25kg cement

APPROVALS / STANDARDS

Conforms to EN934-3 Air Entraining/Plasticising Admixtures.

PRODUCT INFORMATION

Packaging	5ltr jerry can.
Appearance / Colour	Yellow mobile gel.
Shelf Life	24 months from date of manufacture in unopened containers.
Storage Conditions	Store upright in original, tightly sealed containers and in a dry cool well-ventilated area (5 - 25°C). Protect from sunlight and frost.
Density	1.01-1.05 g/cm ³ at 20°C
pH-Value	10.7 – 12.7
Total Chloride Ion Content	<0.1% w/w

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Careful surface preparation is essential to achieve a good bond. Ensure substrate is clean and free of dirt, dust and grease. Remove all cracked, loose or flaking render, plaster and paint. If the surface to be bonded

is porous, first pre-wet and prime with a bonding slurry of SikaBond SBR+. This should be applied to the prepared substrate immediately prior to the application of the render. Always work “wet on wet”.

APPLICATION METHOD / TOOLS

Dosage rates to achieve the desired workability will depend on the class of mortar, ambient temperature,

sand quality and cement type. Sika® Rendermix should be dispensed into the mixture with the gauging water. Where multi layers of render are to be applied ensure previous layer is thoroughly scratched to assist the bond. All subsequent layers should be no thicker than the previous one.

LIMITATIONS

- Do not use in structural concrete.
- Not intended as a DPC replacement.
- Will not resist permanent hydrostatic pressure. For tanking applications use in conjunction with a DPM.
- Final finish does not repel water. If a water repellent finish is required coat render with a suitable proprietary sealer.
- To avoid excessive air entrainment, do not overdose or overmix.
- Do not mix with other additives in same gauging water. Always premix with gauging water. Do not add directly to the dry mix.
- It is the users responsibility to determine suitability for use. If in doubt contact technical services for 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 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

Product Data Sheet

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2 / 2



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