PRODUCT DATA SHEET

EVERBUILD® 202 Integral Liquid Waterproofer

WATERPROOFER AND PLASTICISER FOR MORTAR, CONCRETE AND RENDERING

PRODUCT DESCRIPTION

EVERBUILD® 202 Integral Liquid Waterproofer is a liquid/gel additive that provides long term protection from water damage to mortar, concrete, renders and screeds by dramatically reducing water permeability. This product is suitable for all applications where resistance to water damage is necessary, such as pool and tank linings, roof areas, external rendering/pointing and structures below ground level. EVERBUILD® 202 Integral Liquid Waterproofer also contains an air entraining agent, hence it will not "deaden" the mix and there is no need to add a separate admix.

USES

- Waterproofing below ground (basements etc.).
- Waterproofing above ground (mortar, render, screeds).
- Waterproofing the linings of water tanks/silage pits/ponds.

CHARACTERISTICS / ADVANTAGES

- Reduces surface absorption.
- Reduces permeability of concrete and mortar mixes.
- Air entraining.- will not "flatten" the mix.
- Will not corrode steel reinforcement (Brick ties etc.)
- Improves workability.
- Easier application in render mixes.
- Low toxicity.
- Increases compressive strength.

Freezing Point	-10°C approx

APPROVALS / STANDARDS

Tested to BSEN934- Part 3.

PRODUCT INFORMATION

Packaging	5ltr, 25ltr and 200ltr plastic containers
Appearance / Colour	Soft mobile gel
Shelf Life	2 years in original unopened containers.
Storage Conditions	Store in original containers between 5 and 40°C.
Density	ca. 1.02 g/cm^3 @ 20°C
Total Chloride Ion Content	<0.01%

APPLICATION INFORMATION

Consumption	Use at an addition rate of 0.5 – 1 litre per 100Kg cement, 1 litre of EVERBUILD® 202 Integral Liquid Waterproofer will generate 7 – 8m² of waterproof rendering when gauging at 3 parts sand to 1 part cement by volume. 3.4 litres of EVERBUILD® 202 Integral Liquid Waterproofer will waterproof 1 cubic metre of 1:2:4 concrete.

APPLICATION INSTRUCTIONS

MIXING

In all cases, add to gauging water at an addition rate of 0.5 to 1 litre per 100 kg cement, or alternatively, one part EVERBUILD® 202 Integral Liquid Waterproofer to 20 to 40 parts water and mix until fully dispersed, then add to mix. Gauge the mix as stiff as possible to minimise risk of cracking.
NOTE: Remember to reduce total required quantity of water accordingly (by up to 20%).

BELOW GROUND WORK
Renders should be composed of 3 parts sharp sand (to BS1199) to 1 part cement by volume. Do not apply to weak backgrounds.

EXTERNAL W/PROOF RENDERS
External renders should be composed of 4.5 parts sharp sand (BS1199) to one part cement by volume. Apply render 18-20mm thick in two coats.

ROUGH CAST WORK
The backing coat should consist of 3 parts sharp sand (BS1199) to one part cement by volume.

SWIMMING POOLS TANKS ETC
The mix design should be 3 parts sharp sand (BS1199) to one part cement by volume. Apply an 18-20mm thick render coat over walls and a 35-38mm thick render over floor. Take care to ensure that joints are staggered and corners coved. Overcoating with an impervious coating or tiling is recommended.

CONCRETE
Gauge at 1:2:4 or 1:1.5:3 parts cement:sand:coarse aggregate.

LIMITATIONS

- Do not use in structural concrete.
- Not intended as a DPC replacement. Will not withstand permanent hydrostatic pressure.
- For tanking applications, use in conjunction with EVERBUILD DPM.
- Note: does not repel water. If a water repellent finish is required, coat render/screed etc with EVERBUILD WATERSEAL.

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.

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