

EVERBUILD 202 INTEGRAL LIQUID WATERPROOFER



Colour	Product Code	Pack Size	Box Qty
-	ILW5L	5Ltr	4
-	ILWA25	25Ltr	1
-	ILWAT200	200Ltr	1

Product Description

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/point and structures below ground level. 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. Tested to BSEN934- Part 3.

Benefits

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

Areas For Use

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

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 EMULSION
- Note: does not repel water. If a water repellent finish is required, coat render/screed etc with EVERBUILD WATERSEAL.

Application

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 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.

Specific Data

Appearance	Soft mobile gel
Specific Gravity @ 20°C	1.02
Freezing Point	-10°C approx
Chloride Ion Content	Nil
Usage	Using at an addition rate of 0.5 – 1 litre per 100Kg cement, 1 litre of Integral Liquid Waterproofer will generate 7 – 8m ² of waterproof rendering when gauging at 3 parts sand to 1 part cement by volume. 3.4 litres of Integral Liquid Waterproofer will waterproof 1 cubic metre of 1:2:4 concrete.

Health & Safety

Consult MSDS for full list of hazards.

Storage

Store in original container between 5 and 40°C.

Shelf Life

Two years in original unopened containers.

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