

EVERBUILD INTEGRAL LIQUID WATERPROOFER

DESCRIPTION

EVERBUILD INTEGRAL LIQUID WATERPROOFER is a soft mobile red gel which when used as an admixture, provides long term water protection to mortar, concrete and render.

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 OF 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 DEFENDER WATERSEAL.

APPLICATION

In all cases, add at an addition rate of 0.5 litre to 1 litre per 50kg cement, reducing required quantity of water accordingly. Gauge the mixes as stiff as possible to minimise risk of cracking.

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 amber red gel.
S.G (20°C):	1.02
FREEZING POINT:	-10°C approx.
CHLORIDE ION CONTENT:	Nil.
STORAGE:	Store at moderate temperatures.
SHELF LIFE:	Up to 2 years when stored according to manufacturers instructions.
USAGE	Using at an addition rate of 0.5 - 1 litre per 50kg cement, 1 litre of 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 INTEGRAL LIQUID WATERPROOFER will waterproof 1cubic meter of 1:2:4 concrete.

HEALTH AND SAFETY

Contains Potassium Hydroxide (<2%w/w). Irritating to eyes and skin. Avoid contact with eyes and skin. Remove splashes with soap and water. If product enters eyes, rinse immediately with cold water and seek medical attention. if ingested, give plenty of water to drink and seek medical attention. Keep away from children and animals. See separate 16 point CHIP data sheet for full assessment.

STORAGE

Store in original container between 5 and 40°C.

SHELF LIFE

Two years in original unopened containers.