

MICRO BUILD SUPER STRENGTH WATERPROOFER

DESCRIPTION

MICRO BUILD SUPER STRENGTH WATERPROOFER is a highly concentrated waterproofing and plasticising admixture for sand and cement which is ten times the strength of conventional products. SUPER STRENGTH WATERPROOFER provides long term protection from water damage to mortar, concrete, renders and screeds by 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. SUPER STRENGTH WATERPROOFER also contains air entraining and plasticising agents hence it will not “deadend” the mix and there is no need to add a separate admix.

BENEFITS

- 500ml pack – equal to the equivalent of 5ltrs of ordinary admix
- Reduces waste packaging.
- Cost saving.
- 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.

AREAS OF USE

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

LIMITATIONS

Do not use in structural concrete.

Not intended as a DPC replacement. Will not withstand permanent hydrostatic pressure.

To avoid excessive air entrainment, do not overdose or overmix

Always premix this product with gauging water – never add direct to mix. Do not mix with other additives in same gauging water.

Do not exceed recommended dosage rate range.

Ensure container is always kept in a secure upright position during both storage and transit.

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 users responsibility to determine suitability for use. If in doubt, please contact Technical Services Department for further advice.

APPLICATION

SHAKE WELL BEFORE USE. Add SUPER STRENGTH WATERPROOFER to a portion of the mixing water at a rate of 50 ml to 100ml (approximately 2½ to 5 full capfuls) per 50kg of cement. Stir thoroughly until completely dispersed then add to sand and cement followed by the rest of required water and mix until required consistency is obtained.

NOTE: NEVER add this product directly to mix – always let down in a portion of the gauging water. This product contains a plasticiser hence total amount of water required will be reduced.

For tanking applications, use in conjunction with EVERBUILD DPM EMULSION Note: Final finish does not repel water. If a water-repellent finish is required, coat render/screed etc with EVERBUILD DEFENDER WATERSEAL.

SPECIFIC DATA

APPEARANCE:	Pink liquid/paste
S.G (20°C):	0.98
FREEZING POINT:	N/D.
CHLORIDE ION CONTENT:	Nil. (<0.1%)
STORAGE:	Store at moderate temperatures.
SHELF LIFE:	12 months
USAGE	50 - 100cc per 50kg cement,
SPECIFICATION	-

The following are typical mix designs when using SUPER STRENGTH WATERPROOFER

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.

HEALTH AND SAFETY

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Not classified as hazardous to health under current legislation. However, following precautions are recommended. Do not ingest. Avoid contact with skin and eyes.
In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice if irritation persists. Keep out of reach of children

STORAGE

STORAGE: Store in cool dry conditions away from direct sunlight between 5 and 40°C. STORE AWAY FROM CHILDREN.

SHELF LIFE

Minimum 12 months from date of manufacture.