

Integral Waterproofer Information Sheet

Areas of Use

- To help concrete and mortars resist external and/or internal water pressures.
- Suitable for use on:
 - Renderings.
 - Retaining walls.
 - Swimming pools.
 - Roof screeds.
 - Basement walls.
 - All concrete applications where water penetration is a problem.

Key Benefits

- This product reacts with free lime in the mortar to form hydrophobic crystals which block the pores, thereby improving the water resistance of the mix.
- It improves the plasticity of the mix making it easier to use.
- It retards suction in multi-layer renders.
- Aids pebble dashing.
- Larger areas covered easily.
- Better appearance after rain.
- Less likelihood of efflorescence.
- Drying shrinkage, crazing and cracking reduced.
- Improved frost resistance.
- Greatly reduced capillary attraction.



Directions for use:

This is a premium liquid additive which provides long term water protection to mortar, screeds, cement, concrete and rendering.

It also improves workability, frost-resistance and strength, reduces salting, efflorescence, shrinking, moss and algae growth and will not corrode reinforcing metal work. In addition, since this product does not form a vapour barrier it, advantageously, allows the structure to breathe.

Directions for use:

Application:

- Add to gauging water in the ratio of 0.25-0.5 litres of SKILLED BUILD INTEGRAL WATERPROOFER to each 25kgs cement and reduce the total volume of gauging water accordingly; as this product also adds to the plasticity of the mix.
- Use the appropriate sand/cement ratio for dense high quality mortar.
- Ensure the mortar is firmly compacted.

Drying Time:

- Approximately 6 hours depending on drying conditions.

Cleaning of Tools:

- Clean with paraffin (kerosene) or white spirit.

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Product Data

Appearance: Pale red or green liquid.

Shelf Life: Up to 24 months when stored according to the manufacturer's instructions.

Storage: Store in cool, dry conditions. Protect from frost.

Coverage: 0.25 to 0.5 litres for every 25kgs of cement.

Disposal of Containers: Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations.

Important Information

SkilledBuild is committed to development and supply of quality products and may substitute or change product branding or specification or technical data without notice. Always check for latest information.

All information provided is based on practical tests & published data and is intended to guide a competent DIY user or contractor in the typical use of products for minor works but is without guarantee. If a failure of the works will be costly to repair or hazardous then design & execution must be undertaken by competent persons. Further advice should be sought from a suitably qualified advisor. Skilled Build may be able to answer simple product enquiries.

Since application and working and user competence is beyond our control, no liability of the supplier can be derived from the contents of information sheets or other general information provided. Any statements made beyond the contents of SkilledBuild's website or product labels must be confirmed in writing by the supplier.

Limitations:

- This is not a vapour proofing product; therefore, a separate vapour-proof membrane is required for vapour-proof applications.
- A separate plasticiser is not required.
- Do not over mix the mortar/concrete.

Safety:

- Avoid eye contact, wear eye and face protection. In the event of contact irrigate eyes immediately with plenty of cold, clean water for 15 minutes and seek medical attention. Could cause irritation.
- Avoid prolonged contact with skin. Wear wellington boots, protective clothing and gloves. Could cause irritation.
- Do not ingest. In the event of ingestion, do not induce vomiting, drink plenty of water and seek medical attention.
- Thoroughly wash hands with soap and water after use.
- Keep out of reach of children.
- Some people are more sensitive to chemical products than others. If irritation occurs discontinue use.
- See separate material safety data sheet for full handling, use and storage.