

Technical Data Sheet

ActiFill



DESCRIPTION

ActiFill is a treated granular sodium bentonite used primarily as a detailing accessory product within waterproofing systems.

ActiFill can be used dry or pre-hydrated and in confinement will form a dense waterproof 'paste' to act as detailing compound.

When applied with ActiTex the sodium bentonite will combine to form a seamless homogeneous water system.

Free swell rating of ActiFill is 2g sifted into deionised water to swell and occupy a minimum volume of 16cc

TYPICAL USES

- Fill Material – to fill cavities or voids in the substrate prior to installing waterproofing membrane/system.
- Fillet Material – when hydrated to form a 'paste' around penetrations and horizontal/vertical junctions
- Buried Roof Layer – 3mm bed of ActiFill is applied to the top of tunnels or buried roof structures (minimum 1mtr below fully compacted well graded soil) prior to application of ActiTex (seek advise from manufacturer on this application)

PACKAGING

ActiFill - 25kg bag
40 No. bags per pallet (1,000kg)

Yield

40mm x 40mm fillet (mixed with water to form paste) = 25m
40mm x 40mm filled rebate (used dry) = 15m
Buried Roof Layer 3mm thick = 7.5m²

STORAGE

All products should be stored away from direct heat in dry conditions, under cover and away from the possibility of damage or premature contact with water.

HEALTH & SAFETY

Always refer to Materials Safety Data Sheets before use or consult with manufacturer.

APPLICATION

ActiFill is a granular material

General – All surfaces to receive ActiFill should be dry free of dirt, grease, rust, oil, curing agents or other contaminants.

To place as granules cut a corner of the bag for directional control of product placement.

To apply as a paste – Pour clean water into the bag covering the visible surface. Allow the water to soak into the granules for a few seconds, a crust will form which can be removed and moulded for application as fillets, etc. If there is excess water on the surface of the crust break through to expose dry granules. This process should allow full use of a bag of ActiFill.

Apply ActiFill prior to installation of waterproofing membrane, unless in accordance with specific approved detail.

LIMITATIONS

- ActiFill is not designed to function as an expansion joint sealant.
- ActiFill is not an adhesive.
- ActiFill should not be left exposed for prolonged period prior to concrete or backfill placement.
- Use ActiFill in applications with adequate confinement only. Backfilled soils should be of fully compactable well graded materials.

TECHNICAL NOTE

This data sheet is for general guidance purposes only and may not be appropriate for certain conditions.

Conditions of use are beyond our control therefore we cannot warrant the results to be obtained. The information given was correct at the time of issue. However, we are committed to continually improving products and reserve the right to change product specifications.

For latest information contact GDA-UK.