

VOLCLAY GRANULES

GRANULAR SODIUM BENTONITE

DESCRIPTION

VOLCLAY GRANULES are chemically treated, granular sodium bentonite used as a detailing accessory product for CETCO Waterproofing Systems. When wetted, VOLCLAY GRANULES form into a dense, low permeable 'paste' material that combines with the sodium bentonite in the waterproofing products to form a seamless waterproofing membrane.

Free swell rating of VOLCLAY GRANULES is: two grams sifted into deionized water swells to occupy a minimum volume of 16 cc.

APPLICATIONS

VOLCLAY GRANULES are used to fill cavities and voids in the substrate prior to installing the main bentonite waterproofing course. It is also used to seal around slab penetrations to form a continuous waterproofing system.

A fillet of VOLCLAY GRANULES can be poured at the footing/wall junction to provide additional waterproofing protection. 3 mm thick layer of VOLCLAY GRANULES is also applied to the top of tunnels and earth-covered roofs prior to the main waterproofing material course. VOLCLAY GRANULES are not an expansion joint sealant.

PACKAGING

VOLCLAY GRANULES are packaged in 20 kg bags; 50 bags per pallet. Yield per 20 kg bag is approximately 21 litres.

INSTALLATION

Remove dirt and other debris from area to receive VOLCLAY GRANULES. Cut a corner of the bag for easy, directional control of product placement. Place as required around penetrations, footings and other details.

Limitations: VOLCLAY GRANULES should not be applied in standing water or during precipitation. VOLCLAY GRANULES is intended for below-ground waterproofing applications. Product requires proper confinement. Confining soils should be compacted to a minimum 85% Modified Proctor density.

SAFETY

Use only with adequate ventilation and avoid breathing dust. Workers should wear approved breathing apparatus, protective clothing and eye protection. Avoid skin and eye contact. In the event of contact, wash immediately. Do not ingest. Refer to MSDS for other warnings and safety information.

TYPICAL APPLICATION RATE ONE BAG – 20 KG	
APPLICATION	TYPICAL RATE
Wall/Footing Fillet 38 mm	8.0 l/m (approx); dry granules 20.0 l/m (approx); granules mixed with water to form 'paste'
Roof Deck Layer 3 mm thick	70 sq ft (6.5 sq m)