

## Voltite Waterproofing System

## Take-off / application guidelines

Product	Description	Packaging	Usage/Take-off guide
<b>VOLTITE/VOLTITE LM</b> <i>(Voltite LM is Voltite GCL with an PE liner laminated to the non-woven geotextile)</i>	Dual composite needle-punched Natural Sodium Bentonite/polypropylene geotextile tanking membrane for all below ground concrete structures.	Rolls = 1.1 m x 5m = 5.5 m <sup>2</sup> 36No. rolls per pallet = 198m <sup>2</sup>	Usage - 100mm laps, ends staggered, on sand or lean-mix concrete under-blinding, against cast concrete or inside of formwork. Yield: allow 11% of area for laps, plus waste.
<b>WATERSTOP BS</b>	Extruded Natural Sodium Bentonite/butyl strip, for 'sealing' of concrete construction joints, and 'puddle-flange' applications.	BS Coils = 5.00m (20x25mm) 6 No. coils per box = 30.00m	Usage - Uncoil & press onto prepared (scabbled) concrete surface (min 75 cover), nail @ 300mm c/c. Butt jointed. No additional allowances for junction.
<b>VOLTITE BS GRANULES</b>	Coarse grained Natural Sodium Bentonite, used dry or as a paste (by adding water) for detailing <i>horizontal</i> Voltite penetrations (pipes, piles, re-bar, etc.)	Bags = 25kg or 1 tonne	Usage as paste, in 40x40mm triangular fillets, and 1mm dusting in underslab Voltite/DPM laps. Yield: 30m of 40x40mm fillet, 65m of 1x300mm dusting, per 25 kg bag.
<b>BENTOPASTE</b>	Bentonite/butyl compound for detailing horizontal and vertical Voltite penetrations (pipes, piles, re-bar, etc.), and Voltite/DPC ground level termination laps.	Tubs = 15 liters	Usage - Tubs as 40x40mm triangular fillets at penetrations or 5x40 mm fillets for terminations. Yield: Tubs: 15lm of 40x40mm triangular fillets, 55lm of 5x50mm fillets.
<b>VOLTITE BS 'SOFT-WASHER' FASTENERS</b>	Hardened 40mm concrete nail with pre-mounted 30mm diameter soft washer, for all concrete applications. Can be hand nailed or shot fired (Hilti DX A41 / A40).	Boxes = 150 or 500 No. nails per box	Usage - mainly on laps @ 400 c/c. Allow 4/5 per m <sup>2</sup> on blinding and cast concrete, and 8/10 per m <sup>2</sup> on profiled property line (secant / contiguous piling) to allow close contouring.