

Waterproofing Membranes

CETCO Voltex System

Voltex is a highly effective waterproofing composite comprised of two high strength geotextiles and 4.88kg of sodium bentonite per square metre. The high swelling, low permeable sodium bentonite is encapsulated between a non-woven and woven geotextile.

A patented needlepunch process interlocks the geotextiles together forming an extremely strong composite that maintains the equal coverage coverage of bentonite, as well as, protects it from inclement weather and construction related damage. Once backfilled Voltex hydrates and forms a monolithic waterproofing membrane. Voltex contains zero VOC, can be installed in almost any weather condition to green concrete, and most importantly has proven effective on both new and remedial waterproofing projects worldwide.



Technical Data

Products	Packaging
Roll Width	1.1m
Roll Length	5.0m
Roll Weight	35.0kg

Larger Rolls Available on Request

Applications

- Soldier Pile & Lagging
- Backfilled Concrete Foundation Walls
- Under Structural Floor Slabs
- Tunnel & Subways
- Metal Sheet Piling Retaining Walls
- Shotcrete or Guniting Walls



CETCO Voltex System Accessories

BENTOSEAL®

Bentoseal is a trowel-grade bentonite based mastic that is used with Volclay bentonite waterproofing systems to detail at membrane terminations, around penetrations, over grouted concrete form-tie holes, and provide fillets to inside wall corners.

Unlike most mastics, this premium mastic is capable of swelling and self-sealing upon hydration and is VOC compliant. Its durable composite construction resists damage from tradesmen installing reinforcing steel over it and inclement weather.



Technical Data

Products	Packaging
Pail Size	18kg Tub (14.25 L)

Waterstop RX-101

Waterstop-RX 101 is a Sodium Bentonite based waterstop designed to stop water infiltration through cast-in-place concrete construction joints by expanding upon contact with water to form a positive seal against the concrete.

Waterstop-RX is an active waterstop that functionally replaces conventional passive PVC/rubber waterbars. Waterstop- RX should also be placed around applicable penetrations.



Technical Data

Products	Packaging
Waterstop RX 101	20mm x 25mm x 5m (30m per box)
REVOFIX	1000mm Lengths (30m per box)
RX WB Adhesive	3.8 Litre Tub

Bentonite Granules

Pure granular Volclay Bentonite, used to detail critical areas that may require extra Volclay protection.

Typical application is around slab penetrations, pile caps, and grade beams prior to the waterproofing membrane installation.



Technical Data

Products	Packaging
Bag Size	20kg

Ancillaries

A full range of Ancillaries for the CETCO Voltex System, are available.

Contact your local branch for full details

Technical Data

Products	Packaging
Soft Washer Fixings	150 OR 500 per box
Blacksheet	HDPE Self-adhesive sheet 1m x 20m roll
Blacksheet Primer	5 Litres
Voldrain	20m x 2.1m Rolls
Volseal Aqua Plug	25kg Bag