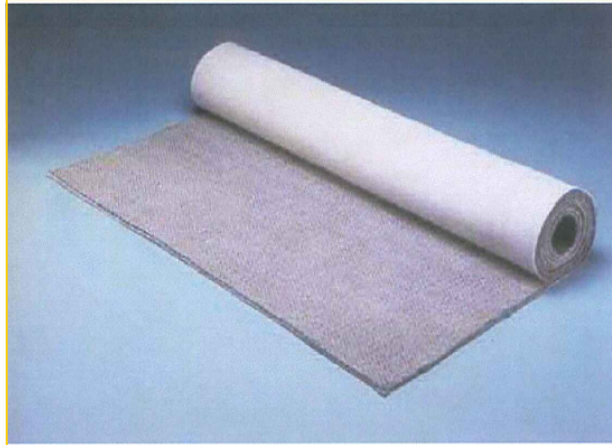


# Durotech News

## VOLTEX

**Voltex** is a highly effective waterproofing membrane ideal for below-grade vertical and horizontal foundation surfaces. **Voltex** uses the high



**Forms a continuous mechanical bond to concrete**

weather, including freezing temperatures and damp conditions.

can be installed to freshly poured concrete as soon as the formwork is removed.

swelling and self sealing properties of **Volclay** sodium bentonite to form a monolithic, low permeable membrane to protect the structure from water. Installation is fast and easy, requiring no primers or special tools. **Voltex** can be installed in virtually any

Typical applications include backfilled concrete walls, under structural slabs, tunnels, earth-covered roofs, and property line construction. **Voltex** can be installed directly over a properly prepared soil substrate without a working mud slab. Additionally, **Voltex**

When concrete is poured against **Voltex**, a tenacious mechanical bond is created with the geotextiles. **Voltex** is certified as an external protective barrier material for potable water concrete tanks with a 3,780 litre capacity or greater.

## WATERSTOP



Above: The WATERSTOP RX RANGE

Below: The sealing abilities of WATERSTOP RX are clearly demonstrated on this badly vibrated concrete



**Volclay Waterstop RX** is a flexible strip construction joint wa-

terstop that provides a permanent seal by expanding upon con-

tact with water. The swelling property of **Waterstop RX** forms a permanent pressure seal within the concrete joint, thus eliminating water migration over or along the waterstop. In addition to forming a positive pressure seal, the products expansion properties allow it to



Durotech

New Products

> Voltex

> Ultraseal

> Swelltite

> Waterstop

**DUROTECH**

We're on the web

[www.durotechindustries.com.au](http://www.durotechindustries.com.au)

Interesting websites:

[www.fairtrading.nsw.gov.au](http://www.fairtrading.nsw.gov.au)

Interesting websites:

[www.mbansw.asn.au](http://www.mbansw.asn.au)

Interesting websites:

[www.tafensw.edu.au](http://www.tafensw.edu.au)

Are you taking advantage of Durotech's site specific specifications?

Not only will Durotech specify your next project but they will conduct staff training and do warranty inspections.

Our, quality assured membranes, gives you peace of mind especially knowing that you are combining with a Durotech approved applicator.

At Durotech, we believe in doing the job correctly in the first place, so let us assist you, in the design stage, of your next building development.

Why not give us a call and see how we can assist you?



Durable Waterproofing Solutions

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## SWELLTITE

### Technical Note

**Volclay Swelltite** is a highly effective waterproofing composite of sodium bentonite compound integrally bonded to a HDPE geo-membrane liner. This composition combines the active waterproofing benefits of sodium bentonite with the strength and puncture resistance of a thick geo-membrane liner. This engineered composite consists of a white (heat reflective) 300 microns HDPE geomembrane liner and 2mm of bentonite compound with a clear release

film attached. **Swelltite** contains virtually zero VOC, can be installed in almost any weather condition to green concrete, and has proven effective for more than 15 years.

**Volclay Swelltite** can be used for below grade vertical and horizontal structures, as well as above grade split-slab construction. Typical above grade split-slab construction applications include: plaza decks, parking decks and balconies. Additionally, **Swelltite** can be used for interior split-slab applica-

tions for mechanical rooms, kitchens and laboratory facilities.

Applications may include structures under continuous or intermittent hydrostatic pressure.



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