



# CEMENTITIOUS WATERPROOFING MEMBRANES



# VANDEX CEMENTITIOUS WATERPROOFING MEMBRANES

Vandex range of products offer solutions in the following situations:

- Water retaining structures
- Water excluding structures
- Potable water environments
- Negative or positive water pressure environments
- Live water flow
- Dynamic crack accommodation
- Different substrates ie concrete, blockwork etc

## INFRASTRUCTURE

DRINKING WATER STRUCTURES | WATER FILTRATION PLANTS



## NEW & EXISTING BUILDINGS

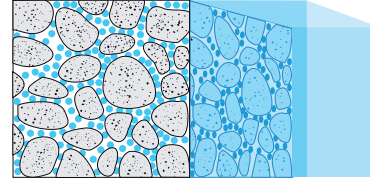
BELOW GROUND SLABS AND WALLS | LIFT PITS | SWIMMING POOLS | WATER TANKS



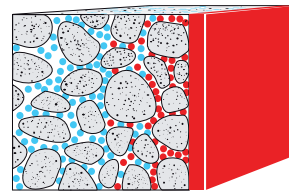


## TWO TYPES OF TECHNOLOGIES

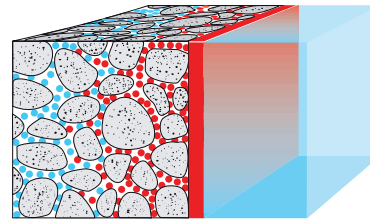
### 1. In depth concrete capillary penetrating, crystal growth sealing cement based waterproofing



Concrete wall exposed to water. The water has forced its way into the capillaries, long term effect; leaky, damaged concrete.



After Vandex treatment, the reaction between the free lime, moisture and the Vandex chemicals has set in; Vandex penetrates the concrete forming chemical complexes which substantially constrict the capillaries.



The concrete is now watertight but still allows water vapour to pass. The Vandex chemical complexes remain in the concrete, ready to reactivate upon water impact.

## APPLICATION METHODS

Cementitious Vandex materials can effectively and safely be applied in various ways:

- **SPRAY APPLIED**
- **TROWEL APPLIED**
- **BRUSH APPLIED**



### 2. Cement based waterproofing membrane render

|                                       |   |
|---------------------------------------|---|
| <b>VANDEX CONCRETE GREY</b>           | penetrating waterproofing slurry for waterproofing and protection of concrete       |
| <b>VANDEX BB75Z</b>                   | waterproofing slurry (grey) for waterproofing and protection of concrete            |
| <b>VANDEX BB75E-Z</b>                 | elasticised waterproofing slurry with crack bridging capacities                     |
| <b>VANDEX CEMELAST</b>                | elasticised waterproofing slurry for use in drinking water reservoirs, 2 components |
| <b>VANDEX UNIMORTAR 1-Z</b>           | waterproofing and repairing mortar resistant to abrasion and de-icing salt          |
| <b>VANDEX PLUG</b>                    | rapid setting mortar for plugging water leaks                                       |
| <b>VANDEX CONSTRUCTION JOINT TAPE</b> | waterproofing tape for construction joints and cracks                               |

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the gear  
you need ”



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