

Crystalline Waterproofing



1
VANDEX SUPER dry-sprinkled as **powder** immediately after initial setting of concrete.



2
Working the powder into the surface by machine or hand trowel.



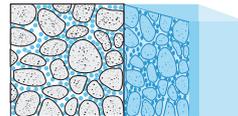
3
Curing and protection for 5 days against evaporation by sun and wind.



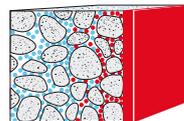
4
Alternatively apply VANDEX SUPER as a **slurry**.

- **economical, easy and simple application**
- **tested to 14 bar**
- **applied to pressure or non-pressure face**
- **becomes an integral part of the concrete structure**
- **drinking water approval**

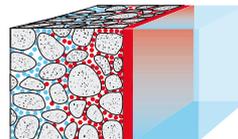
Vandex in-depth waterproofing



The capillary system of concrete is saturated with water



VANDEX SUPER penetrates the concrete and blocks the capillaries



Permeation of water is no longer possible, water vapour is still allowed to pass

VANDEX SUPER is applied to concrete where the active chemicals combine with the free lime and moisture present in the capillary tract, to form insoluble crystalline complexes. These crystals block the capillaries and minor shrinkage cracks in the concrete to prevent any further water ingress. However, the Vandex layer will still allow the transmission of water vapour through the structure. In addition to waterproofing the structure, VANDEX SUPER protects concrete against sea water, waste water, aggressive ground water and certain chemical solutions. VANDEX SUPER is approved for use in contact with potable water, and is therefore suitable for the tanking of water storage tanks, reservoirs, water towers, etc.