



CRYSTALLINE WATERPROOFING ADMIXTURE

EUCON VANDEX AM-10



PRIMARY APPLICATIONS

- Waste Treatment Facilities
- Foundations & Basements
- Tunnels & Subways
- Dams & Water Reservoirs
- Manholes
- Underground Vaults
- Parking Structures
- Water Containment Structures
- Swimming Pools

FEATURES AND BENEFITS

- Reduces or eliminates water penetration
- Easy to use powdered material
- Interior or exterior waterproofing
- Improves chemical resistance
- Can seal hairline cracks up to 0.5 mm as more crystals grow in the presence of water
- No effect on working time

SPECIFICATIONS

- ASTM C494 Type S
- ANSI / NSF Standard 61 components of drinking water systems

WHAT IS EUCON VANDEX AM-10?

EUCON VANDEX AM-10 is an integral crystalline admixture specifically formulated to interact with concrete capillary pore structures to provide a waterproofing system that becomes a permanent part of the concrete matrix. EUCON VANDEX AM-10 can be used in above and below grade applications, provides higher quality, durable concrete and is an excellent choice when it comes to concrete waterproofing.

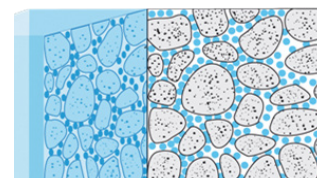
WHAT PROPERTIES CAN BE EXPECTED?

EUCON VANDEX AM-10 uses specially formulated ingredients that react with fresh concrete and create crystalline systems in the capillary pores. This provides an excellent reduction in concrete permeability and the following properties can be expected:

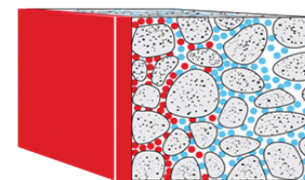
- Reduction in capillary absorption
- Increased resistance to chloride penetration
- Minimal effect on strength at all ages
- Active ingredients are transported by water
- Significant reduction in permeability and water penetration

PERFORMANCE

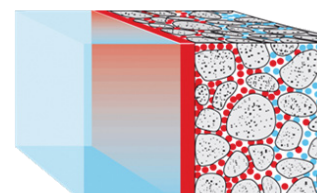
- Active ingredients remain dormant when there is no water to react with, but re-activate when in contact with water again.
- Provides greater than 70% reduction in water permeability when tested under 200 psi head pressure. (CRD C 48-92)
- Potentially reduces the need for exterior applied membranes.



Normal concrete



Eucon Vandex AM-10
Crystal Formation



Finished Crystalline
Structure