



# EUCON™ VANDEX™ AM-10

INTEGRAL CRYSTALLINE WATERPROOFING ADMIXTURE

EUCLID CHEMICAL

## PRODUCT INFORMATION

### PACKAGING

Packaged in 22 lb (9.98 kg) pulpable bags wrapped in an outer plastic, which must be removed before use

### SHELF LIFE

1 year in original, unopened package

### SPECIFICATION/COMPLIANCES

ANSI / NSF STD 61  
ASTM C494 Type S

## DESCRIPTION

EUCON VANDEX AM-10 is an integral crystalline admixture 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. EUCON VANDEX AM-10 contains no added chlorides or chemicals known to promote the corrosion of steel.

## PRODUCT CHARACTERISTICS

### FEATURES & BENEFITS

- Reduce or Eliminate water penetration
- Interior or exterior waterproofing
- Easy to use powdered material
- Improves chemical resistance
- Negligible affect on working time
- Can seal hairline cracks up to 0.5 mm

### PRIMARY APPLICATIONS

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

## PRECAUTIONS/LIMITATIONS

- EUCON VANDEX AM-10 should be added to the aggregate as it being batched or to the initial batching sequence.
- Do not add EUCON VANDEX AM-10 at the end of the batching sequence. Adding to the end of the batching sequence may result in extended setting characteristics or premature stiffening of the concrete.
- EUCON VANDEX AM-10 may require a slight increase in air entrainer dosage
- Remove outer plastic bag before use.
- In all cases, consult the Safety Data Sheet before use.
- Preliminary testing is encouraged to ensure concrete performance of all project concrete ingredients.
- Setting times may be extended depending on cement chemistry. Trial mixes should be done to confirm performance.

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## TECHNICAL INFORMATION

### PERFORMANCE DATA

Results were obtained under laboratory conditions with materials meeting the specifications of the stated ASTM/DIN/CRD method. Changes in the materials, mix design, mixing methods, temperature, and site conditions can affect the dosage response. Trial mixes should be run in order to confirm design dosage response and concrete physical requirements are met.

Test Type	Method	Test Parameters	Performance Relative to Control
Water Penetration	DIN 1048	72 psi Head Pressure	40% Reduction
Water Permeability	CRD C48-92	200 psi Head Pressure	>70% Reduction
Capillary Absorption	ASTM C-1585		>40% Reduction
Resistance to Chloride Penetration	ASTM C1202		10% Improvement

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## DOSAGE

EUCON VANDEX AM-10 is typically dosed at 1 - 2% by weight of cementitious material for most applications. Please consult your local Euclid Chemical representative for further dosage recommendations.

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## DIRECTIONS FOR USE

EUCON VANDEX AM-10 can be used in drum mixed and central batched concrete applications. It should be added to the initial batching sequence preferably as the aggregate is being added to the mixing vessel. Concrete should be mixed a minimum of 10 minutes, at normal mixing speed, after all concrete constituents have been batched to ensure thorough dispersion of all materials. EUCON VANDEX AM-10 should not be added to the concrete mixture after the cementitious ingredients have been introduced. EUCON VANDEX AM-10 is packaged in pulvable bags; however, they are wrapped in an outer plastic bag, which must be removed before use.

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