

VX Guardian Hydrophobic Admix is an additional additive for concrete, which renders the concrete waterproof, reduces shrinkage, seals pores in concrete with a hydrophobic system, and diminishes water absorption in concrete.

ADVANTAGES

- **Improved hydrophobic coating** - Reduces permeability. Increases watertightness. Increases durability. Reduces relative absorption.
- **Good workability** - Good finishing characteristics for slab-work and off-form surfaces.
- **Good Cohesiveness** - Reduces segregation particularly in lean mixes and high slump concrete.

RECOMMENDED USES

- Most applications requiring watertight concrete such as basement walls and floors, tanks, pipes, tunnels, silos and pools
- Concrete blocks and bricks
- Low cement content panels and claddings
- Wall and tank foundation renderings
- Concrete structure where subsequent application of render, tiles or paint is required

PRODUCT SPECIFICATION

Type	Admixture waterproofing (hydrophobic)
Form	Areal Weight (g/m ²)
Colour	430
Recommended Concrete Mix Design :	
Cement Content	355 kg/m ³
Water Cement Ratio	0.45
Initial slump	8 ± 2 cm
Final slump	16 ± 2 cm
Dosage (standard)	≥ 2 liter/m ³

TECHNICAL DATA

Density	1.17 gr/ml
Water Penetration	< 3 cm
Water Absorption	< 3 %
Chloride content	Nil

Disclaimer. The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials substrates and actual size conditions are such that no warranty in respect of merchantability of or fitness for particular purpose, nor any liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in the brochure may change at any time without notice.

APPLICATION

I. MIXING

- VX Guardian Hydrophobic Admix is mixed into the concrete in the appropriate dosage, then the concrete is mixed again in a mixer equipped with VX Guardian Hydrophobic Admix for 3 – 5 minutes.



PACKAGING

VX Guardian Hydrophobic Admix is packaged in sizes of 20 liters/pail and 200 liters/ drum

STORAGE

VX Guardian Hydrophobic Admix has a shelf life of at least 12 months, provided the packaging has not been opened and it is stored in a cool, dry place.

HEALTH AND SAFETY

VX Guardian Hydrophobic Admix does not contain hazardous substances that require labeling. Skin exposure should be washed off with water. It is advisable to continue using skin protection such as gloves, considering that some individuals may be allergic to certain chemical substances.