

VX Guardian Integral is an additional additive for concrete, which enhances concrete density by reducing water absorption. It also serves as a type B superplasticizer that aids in maximum compaction of fresh concrete. It improves plasticity, ensuring ease of workability, and enhances compressive strength. Suitable for use in waterproofing mass concrete, which is typically challenging when using waterproofing membrane materials such as slabs and basement walls, water tanks, undeground tunnel channels, cable ducts, etc. It can also be used for outdoor screeds and mixes for vertical walls in residential and apartment buildings, etc.

ADVANTAGE

- Improves concrete workability.
- Does not accelerate or retard concrete setting.
- Enhances concrete density and quality.
- Non-toxic and suitable for use in drinking water tanks.
- Does not affect concrete reinforcement.
- Chloride-free.

PRODUCT SPECIFICATION

Туре	Admixture waterproofing (superplasticizer)
Form	Liquid
Colour	Dark brown
Recommended Concrete Mix Design :	
Cement Content Water Cement Ratio Initial Slump Final Slump	355 kg/m³ 0.45 8 ± 2 cm 16 ± 2 cm
Dosage (standard)	≥ 2 liter/m³

TECHNICAL DATA

Density	1.17 gr/ml
Water Penetration	< 5 cm
Water Absorption	< 5 %
Chloride content	Nil

APPLICATION

MIXING

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

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.







PACKAGE

VX Guardian Integral is packaged in sizes of 20 liters/pail and 200 liters/drum.

STORAGE

VX Guardian Integral 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 Integral 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 substance

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