



VX Guardian Admix Water Repellant is a cementitious hydrophobic water repellant admixture, which integrate to parts of concrete to make the concrete water repellant and provide a water beading effect when water comes into contact with the concrete. The concrete becomes highly resistant to water, and it performs well even under extreme conditions such as pressures or aggressive chemicals.

ADVANTAGE

- Highly resistant to water.
- Easy to use
- Can be used as an additive agent to cement grout and cement sand.
- No special protective system is required.

USES

- Ground or basement slab
- Sewage tanks
- Portable water storage structures
- Cement sand screed/plaster
- Underground retaining walls
- Foundations & basements
- Concrete expose to sea water
- Roof slabs
- Roof gardens
- Tunnels
- Concrete Piers
- Reservoirs
- Dams
- Water Tanks
- Swimming Pool

APPLICATION

MIXING

Dosage of VX Guardian Admix Water Repellant in every batch of concrete shall go by percentage of total cement content in kg. A guideline is recommended below for the percentage dosage rates of VX Guardian Admix Water Repellant to the cementitious Ordinary Portland Cement (OPC) and Reactive Pozzolans (e.g. reactive fly ash) content of the concrete.

EXAMPLE OF CALCULATION

CONCRETE GRADE 30 (CEMENT CONTENT PER M3)	VX Guardian Admix Water Repellant (1% of CEMENT CONTENT)
300 Kg	3 Kg
Calculation for Dosage rate of VX Guardian Admix Water Repellant: (300 kg X 1% = 3 kg dose to be added into 1m ³)	





VEXCOLT

VX Guardian Admix Water Repellant

PACKAGING AND APPEARANCE

- VX Guardian Admix Water Repellant is packed in 1kg / Bag or 25kg / bag.
- Colour – cement grey powder

STORAGE AND SHELF LIFE

VX Guardian Admix Water Repellant has a shelf life of 12 months from the date of production, if stored properly in its original, unopened and undamaged packaging. Store VX Guardian Admix Water Repellant in a dry enclosed area.

HEALTH, SAFETY AND CLEANING

VX Guardian Admix Water Repellant contains cements which may cause skin irritation. For precaution, protective gloves and goggles are recommended to be worn when handling this product. Always allow air to ventilate in the basement or in an enclosed area. If ingested, do not induce vomiting but seek medical attention. In case of eye contact, rinse thoroughly with abundant water for at least 5 minutes. In case of skin contact, wash affected areas with soap and water. Change to clean clothes and shoes. Wash contaminated clothes or shoes.

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.

