



**Non Toxic Admixture**



**Hydrostatic Pressure Resistance**



**Chloride & Chemical Protections**



**Long-lasting Integral Waterproofing**

### AREA OF USE

- Deep basements and water retaining structures
- Sewage treatment plants, foundations, tunnels, subway systems and underground structures
- Dams, pre-cast concrete, swimming pools and reservoirs

### TECHNICAL DATA

Properties	Test Method	Typical Value
Water Permeability	DIN 1048	< 20mm
Toxicity	ASTM D412	Non-toxic
Chloride Content	EN 480-10	< 0.2%

### ➤ Shelf Life & Storage

12 months in unopened condition. Store in a cool-dry covered place and avoid direct exposure to sunlight.

### ➤ Recommended Dosage

Between 0.8% to 1.0% by the weight of cement.

MVX Guard Crystamix is a special waterproofing cementitious admixture that reacts with the free moisture in the concrete to form crystalline structures within the pores and capillary tracts of the concrete. It is an integral waterproofing system that gives a strong and long-lasting protection from environmental condition, which is ideal for both interior and exterior below grade concrete structures.

It renders the concrete structure watertight against high hydrostatic water penetration from any direction in deep underground structures. It is ready to be added into ready mix concrete.

### ➤ Application

Add MVX Guard Crystamix to concrete during the concrete batching either at the concrete ready mix plant or at site. Add MVX Guard Crystamix directly into the mixing drum with water (e.g. 20kg of powder with 10.6L of water) and batch in accordance with good practice standards of concreting works.

Trial mix to be done where required to check the performance of the treated concrete design mixes before actual casting starts.

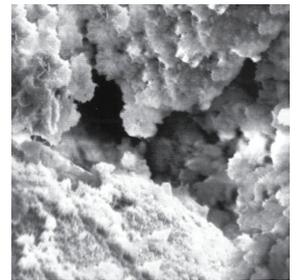
### ➤ Packaging

20kg Powder Bag

### ➤ Microscopic View of Concrete

**Normal Concrete**

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**Treated Concrete**

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