



**TechnoKem**  
tailor made

## TechnoCrete Shot Powder

Accelerating and Waterproofing Admixture for  
Guniting & Shotcrete

### Product Description

TechnoCrete Shot Powder is an accelerating and waterproofing Admixture for guniting and shotcrete admixture in powder form. They are sometimes finely modified to suit the particular brand of cement being used at site. It is chloride-free.

### Uses

TechnoCrete Shot Powder is used in concrete and mortar for shotcreting, guniting or fast setting operations. It allows application/ spraying even on to damp surface with slight infiltration. TechnoCrete Shot Powder speeds up the work and contributes to good watertightness of the sprayed concrete/mortar linings. TechnoCrete Shot Powder improves overhead spraying and reduces rebound. TechnoCrete Shot Powder is used for sprayed concrete and mortar or shotcrete or guniting in tunnels and galleries, retaining walls, embankment and tank linings.

### Advantages

- Rapid setting, allows spraying/application to take place even on wet surface subject to slight infiltration
- Rebound loss is minimized, thus reducing the costing
- Excellent for overhead application
- Free of chloride or nitrate, safe with reinforcement
- Highly waterproofing effects
- Reliable-produced under rigid quality control and consistent quality is guaranteed

### Technical Specifications

Form : White Powder

Chloride Content : NIL

### Packaging

TechnoCrete Shot Powder is available in 25kgs HDPE Bag

### Dosage

TechnoCrete Shot Powder to be added either 1kg or 4kgs/50kgs bag of cement.

The optimum dosage should be determined by site trials.

Dosage of TechnoCrete Shot Powder	Gillmore Initial Set	Gillmore Final Set
1% - 2%	3.00 - 4.30	10.00 - 12.00
3% - 4%	1.00 - 1.30	2.30 - 4.00
5% - 7%	0.30 - 1.00	1.00 - 2.00

The above results are based on Gillmore Test using Ordinary Portland Cement.

### Uses

TechnoCrete Shot Powder is mixed dry at a recommended dosage with the dry sand – cement or coarse aggregate:sand: cement mixtures. Large quantity of dry mix can be prepared if dry sand is used and protected against moisture. When shotcreting is interrupted, care must be taken that water does not flow back in the supply hose causing the mix to set.

### Shelf Life

12 months if stored in original packing under shed and at normal ambient temperature

### Health & Safety

TechnoCrete Shot Powder is non-toxic and should not be swallowed or allowed to come into contact with skin and eyes. Wear suitable protective gloves and goggles. Splashes on the skin should be removed with water. Incase of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

### Fire

TechnoCrete Shot Powder is water based and non-flammable but should be stored away from combustible materials.

**Important:** Technokem products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, Technokem does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.

#### For Complaints/Suggestions:

Please write to our Customer Care Executive at

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