



TECHNICAL DATA SHEET

KEM SUPERSHOT

Powder Admixture for Dry Shotcrete

DESCRIPTION:

KEM Supershot is a smoke grey powder admixture for use with dry shotcrete (gunite) mix. It is suitable for dry spray gunite mix of both mortar and concrete. When the dry shotcrete mix containing KEM Supershot comes in contact with water at gun nozzle, the shotcrete mix becomes highly cohesive and can be evenly shot on any surface, even on wet surfaces.

PRODUCT SPECIFICATION / COMPLIANCES:

Appearance	: Smoke gray coloured powder
Bulk density	: 1.6 ± 0.2 kg / litre
Shelf life	: 12 months in the original un-opened packing.
Storage	: Keep away from direct sunlight and extreme heat.

PRIMARY APPLICATIONS:

- Suitable for dry spray shotcrete mix required for Tunnels and galleries
- Securing rock faces
- Embankments and excavations
- Thin section concrete shells
- Concrete repairing works
- Strengthening concrete structures.

PRODUCT FEATURES:

- Reacts in the mix to assist the hydration process
- Increase cohesiveness thereby reducing rebound loss and saving on heavy wastages.
- Suitable for use on vertical and overhead surface.
- Suitable for interior and exterior repairs to concrete and masonry structures.
- Improves water tightness, better adhesion to areas of slight seepages
- Chloride free thus does not corrode reinforcement
- Increases the productivity and optimized cement content enables economics of shotcrete.
- Enhances the compressive strength of hardened shotcrete with improved surface texture and durability.



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USAGE:

KEM SUPERSHOT is to be mixed along with the dry mix containing cement and aggregates; generally 1 kg of KEM Supershot is required for 1 bag of cement (2.0% by weight of cement).

TECHNICAL SERVICE:

Chembond has established itself in various fields on the basis of its dependable technical service. For this purpose, we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call and would always be available for product demonstrations and product performance monitoring.

SAFETY PRECAUTIONS:

KEM SUPERSHOT is non toxic and non-flammable. However, any splashes on the human body must be washed with plenty of water.

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