



Concrete powder accelerator (shotcrete powder)

Description

Shotcrete powder is an effective factor in this concrete mixture which quickens the immediate setting of the concrete and leads to premium resistance in the shortest time. This powder is sprayed by pump spray. Calcium, magnesium and the materials which regulate PH in this product bring about the setting in the cement.

Advantages

- This product settles the surface of tunnels walls and ceilings and allows concrete forming and implementation.
- Useful in underground mines to settle the drilling
- Settling the permanent drillings including slanted roads
- Settling the surface of places in which there is risk of collapse
- Making the structures resistant
- Implementing the temporary and permanent shell structures

Dosage

The exact dosage is specified with regard to building materials, the design requirements and concreting conditions determined by laboratory tests. However, a dosage between 3 to 5 % of the cement weight is recommended. In particular cases the dosage could be increased up to 7 percent.

How to use

Add the calculated amount of shotcrete powder to the cement, sand, and aggregate. Compress this mixture dynamically by air pressure in high speed, and then spray it on the surface.

Specifications

Color: white powder

Density: 0.83 ± 0.2





Shelf time: Keep in sealed containers for 1 year

Usability: from -5 degrees of centigrade upward

Packaging and maintenance:

Keep in 50 kg bags out of sunlight.

Safety points:

This powder contains no toxic materials, however, due to its high softness, wear a mask to avoid inhaling.

