

Concrete
Additives

MicroSilica

HIGH STRENGTH CONCRETE ADDITIVE



General Properties:

- **MICRO SILICA** : is a very fine pozzolanic material, composed of amorphous
- silica produced by electric arc furnaces as a byproduct of the production of elemental silicon or Ferro silicon alloys.
- **MICRO SILICA** : is produced in conformance with the ASTM C 1240 specifications. The quality is controlled and monitored throughout the entire production process to ensure that it meets or exceeds specification requirements

Uses:

- **MICRO SILICA** : can be used in a variety of cementations' products such as concrete, grouts, and mortars as well as elastomeric, polymer, refractory, ceramic and rubber applications.

Dosage

- **MICRO SILICA** : can be added from 5% - 15% from cement ratio
- ratio 3% - 10% can be deducted from cement .

Important Note:

- Higher ratios can cause high shrinkage

Technical Data:

State	: Amorphous - Sub-micron powder
Color	: Gray to medium gray powder
Specific gravity	: 2.00 to 2.40
Solubility	: Insoluble
Bulk density	: 38 to 45 lb/ft ³ (608 to 720 kg/m ³)
Storage	: At least two years in the original conditions
Packaging	: Plastic pags 5 kg and 10 kg
Environment	- Boots, rubber gloves, dust masks, and safety goggles.

END OF TECHNICAL DATA

For more information please contact our technical department

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