

G - Chem™

MICRO SILICA FUME A Natural Pozzolan for High Performance Concrete

Super Pozzolan and micro filler effect of **G - Chem™**, its use in concrete can improve many of its properties And facilitates high performance concrete by achieving:

- Very low chloride ion diffusion
- Increased compressive strength
- Reduced water permeability
- Improved Sulphate resistance
- Improved abrasion resistance
- Improved resistance to chemical attack
- Improved stability in geothermal environments
- Reduced efflorescence



When pozzolanic **G - Chem™** is incorporated to concrete, the silica present in these materials react with the calcium hydroxide released during the hydration of cement and forms additional **calcium silicate hydrate (C - S - H)**, which improve durability and the mechanical properties of concrete, making it a "**High Strength Concrete**".

High strength concrete refers to concrete that has a uniaxial compressive strength greater than the normal strength concrete obtained in a particular region. High strength and high performance concrete are being widely used throughout the world and to produce them, it is necessary to reduce the water binder ratio and increase the binder content. High strength concrete means good abrasion, impact and cavitation's resistance.

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G - Fine™

MICRO FINE CEMENT

G FINE™ is a specially processed product based on high glass content with high reactivity obtained through the process of controlled granulation. The raw materials are composed primary of low calcium silicates. The processing with other select ingredients results in controlled particle size distribution. **G FINE™** can also be used as a high range water reducer to improve compressive strength or as a super workability aid to improve flow.



VOLSIL™

SILICA CEMENT ADMIXTURE A-SIO2
BASED ON VOLCANIC ASH

VOLSIL is distinctive European based active filler and additives - Silica Cement Admixture developed by many years of research. The larger surface area and the high content of Silicon Dioxide give pozzolanic properties. As a consequence of the minuscule particle size has a high specific surface area.

CHARACTERISTICS

It is able to meet the requirement of high SiO₂ & high compressive strength in cementation.

USES

High strength contraction Work in low or high-temperature weather.

OTHER PRODUCT

GGBS, Fly Ash & RHA



GURU

— CORP —

Your Reliable Partner



Manufactures & Exporter :

Refractory Fluxes,
Construction Additives,
Agro Commodity &
Oil Well Drilling Products.

Hand Casting Kit

Baby Flyer-Baby Memories Record Book

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G - GROUT MF-8™

G-GROUT MF-8 is professional grade material that used as grout powder. It has finer particle size. It is produced in well known manufacturing plant in a controlled environment resulting in consistent quality. It is manufactured by unique particle size distribution technique to enable finest particle size for application.



G - GROUT UF-9™

Cracks in the concrete structures are early signs of distress which have to be diagnosed properly otherwise the repair of same crack takes place again and again causing loss of time and money. The structural cracks need more attention than non structural cracks. The repair materials and methodology are different depending upon types of cracks, their locations such as joints, structural members etc. and conditions such as dry or moist. **G-GROUT UF - 9** are being used for repair of cracks.

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