

Fiber1 PP Micro Crack Preventer

Fiber1 MCP

Fiber1 MCP is the trade mark of the Polypropylene short cut anti crack fibers which is manufactured by Glass Fiber Technology Co. Ltd. Fiber1 MCP fibres are manufactured from a specially formulated Polypropylene composition for adding to concrete. Fiber1 improves all major properties of concrete. It's lead to the minimization of shrinkage cracks during the hardening phase by means of an optimized hardening process. Clear improvements such as for example ductility and durability after 30 days can be achieved. Our anticrack mainly use in: Tunnels, Foundations, Bridges, Cement Floors, Road ways, Finished Concrete Products, Cellars, Subways, swimming pools, and many other applications.



NAMING:

Example : Fiber1 MCP-6

Fiber1 : Trademark of Glass Fiber Technology Co. Ltd (GFT).

MCP : GFT Code

6 : length of the cut fiber.

KEY FEATURES

- Segregation is reduced
- Hydration is improved
- Plastic shrinkage cracking is reduced
- Reinforcing fibers are anchored
- Impact and abrasion resistance is increased
- Permeability is reduced
- Corrosion is slowed
- Maximizes Toughness Index
- Lower Cost

PRODUCT PROPERTIES

Item	Unit	Standard
Fiber Cross Section	-	Round
Cut Length	Mm	6 / 12 / 18
Elongation at Break	%	≤ 80 %
Fiber Desperations	-	Excellent
Density	g/cm ³	0.91



RECOMMENDED QUANTITIES TO USE

0.6 – 0.9 Kg per m³ Concrete.

STORAGE

It is recommended that fibers is store vertically in a cool and dry environment, with recommended storage temperatures ranging between 10 ~ 30 °C and its relative humidity between 50 ~ 75%, to avoid problems with humidity or static electricity, the glass product should be conditioned in the working area prior to use. This fibers should remain in the packaging prior to its use.



Glass Fiber Technology Co. Ltd. Main Office:

Gwaiza - P.O. Box 110290 Jeddah 21361 Kingdom of Saudi Arabia

Tel ☎ +966-2-6217251/2804767/2804784/2804775 Fax: +966-2-6217257

Website: www.frptechnology.com E-Mail: ✉ info@frptechnology.com

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