ALEX FIBER G

Alkali Resistant Glass Fibers

Description

ALEXFIBER G is alkali resistant glass fibers that are used as reinforcement for the Cement based product. It is mixed with sand, cement, admixture and water to produce the glass fibers Reinforcement cement mortar and reduce shrinkage cracking by increasing the tensile capacity of concrete.

Uses

- Filling of concrete and brick plastering layers.
- Repair of damage concrete elements
- Leveling of concrete floors, slab on grade.
- Water channels
- Precast units.

Advantages

- Can be easily distributed in cement mortar mixes
- Low permeability and minimum shrinkage crack
- Has high compressive, tensile, bending Impact and abrasion resistance
- A standard concrete mix can be used

Properties

Specific gravity	0.90
Fiber length	available in 12mm,18mm
Toxicity	Non toxic
Alkali Resistance	High
Acid Resistance	High
Melting point	170°C
Young modulus	3600
Thermal, electrical conductivity	low

Guide to application

Application:
Add the **ALEXFIBER G** into the mixer contains the mixed cement and mix for 4-5 minutes to ensure a uniform distribution for the material.

Coverage:
Normally 0.90 kg / m3

Packing:
It is available in 0.9 kg/pack

Storage:
Should be stored in dry conditions

Shelf life:
Up to 12 months

Safety precautions:
•Is safe for employee to handle.
• Not affect human skin.
• Not considered hazardous.

Guarantee:
All precaution is taken in manufacture of each product to comply with the standard of each material.
The data sheet for each product for information only and may be corrected and no liability is accepted for it.
The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

Technical Service:
For any technical advice for using the **ALEXCHEM** contact the technical office.

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