

CHEMCORE FIBRE P

Formerly known as **FAIRFIBRE P**

Polyester fibre reinforcement for concrete and mortar

BENEFITS

- Prevents shrinkage cracks
- Improves tensile and compressive strength
- Reduces water permeability
- Helps prevent the corrosion of steel for primary reinforcement of concrete and mortar
- Improves life of structure
- Reduces density ensures more yield of mix
- Minimises steel reinforcement in industrial floors
- Cost effective
- Environmental friendly
- Non-hazardous
- Disperses and separates in the dry ready mix easily
- Economical
- Increases flexibility of concrete
- Non corrosive, non-magnetic, chemically inert and 100% alkali proof so no reaction will cause with aggregate and cement alkalies

DESCRIPTION

CHEMCORE FIBRE P is a specially designed polyester fibre which instantly disperses out through the mix and improves and increases the compressive & tensile strength of concrete and mortar. It highly improves the durability of structure and prevents the shrinkage cracks which are developed during curing making the concrete structure and plaster stronger. It prevents moisture from entering throughout the concrete and mortar structures. **CHEMCORE FIBRE P** also works as a secondary reinforcement in concrete.

STANDARD

It confirming to **ASTM C-1116** : As per standard specification for fibre-reinforcement concrete.

CHEMCORE FIBRE P complies to IS 16481.

USES

- Concrete blocks, Railway sleeper, Manhole covers & tiles etc.
- Roads & pavements
- Bridges & dams
- Slabs, Footings, Foundation, walls and tanks
- PCC & RCC plastering
- Pipes & beams

TECHNICAL PROPERTIES

Thermal shrinkage cracks	Significant reduction
Water penetration	Significant reduction
Abrasion Resistance	About 30-40% improvement over concrete
Flexural Strength	Significant Improvement
Compressive Strength	Significant Improvement
Rebound Loss	About 60-70% reduction
Dosage	125 gms per 50kg cement

PACKING & DOSAGE

CHEMCORE FIBRE P is supplied in 125 gms pack. The addition rate of **CHEMCORE FIBRE P** varies with grade of concrete and mortar. For optimum performance 125 gms pack should be used with 50 kg. of cement.

SHELF LIFE & STORAGE

CHEMCORE FIBRE P will have a shelf life of 36 months in unopened containers when kept in dry conditions at a temperature between 5°C to 35°C. Material must be kept under shaded area and away from direct sunlight. Storage at higher temperature or high humidity may reduce shelf life.

HEALTH & SAFETY

CHEMCORE FIBRE P is non-toxic and non-flammable.

SPECIFICATION

CHEMCORE FIBRE P is a specially designed polyester fibre for concrete and mortar used at a rate of 125 gms/50 kg of cement, strictly in accordance with the instruction of CHEMCORE.

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QUALITY ASSURANCE

Fairmate manufactures entire range of construction chemicals under compliance of ISO 9001, ISO 14001 & ISO 45001 (Occupational Health and Safety) certified by ISOQAR/UK.

TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our quality control laboratory and technical experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.



OUR RANGE OF PRODUCTS

CONCRETE ADMIXTURES
WATERPROOFING SYSTEMS
ENGINEERING GROUTS
INDUSTRIAL FLOOR SURFACES

CONCRETE REPAIRS
SURFACE TREATMENT
SEALANT
PREPACKED CONCRETE & MORTAR

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"Contact us to discuss any potential requirement and you will be assured of a rapid and effective response - that's guarantee!!"



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Always better than the best in Quality, Services & Values