



7.05 FAST PP FIBER 6/24

Concrete Reinforcement Fiber

PRODUCT DESCRIPTION

FAST PP FIBER 6/24 is a polymer based product, consists of polypropylene fiber that disperses homogeneously into the concrete mixture to reduce shrinkage and settlement cracks, improve freeze-thaw performance, fire, abrasion and impact resistance.

BENEFITS

Significantly reduces shrinkage and settlement cracks of concrete.

Improves the adherence on mortars.

Provides passive fire protection at high temperatures and on fire risk concrete elements.

Serves as micro-reinforcement when mixed to dry mortars and premixed products.

Improves fracture and spalling resistance of the joint edges and corners.

Reduce concrete permeability because prevents formation of capillary zone on concrete.

Resistant to alkali and acid.

Improves freeze-thaw resistance of the concrete.

FIELDS OF APPLICATION

FAST PP FIBER 6/24 is a universal product that is used on concrete, screed, precast concrete elements and plaster mortars.

On precast tunnel elements as a passive fire protection.

On cement based mortars for repairing, plastering, grading and isolation.

On concrete of parking areas and ramps.

On field concrete.

On thermal stress exposed concrete.

DOSAGE

0,450 - 1,200 kg/m²

PACKAGING

Length of fibers 6/12/18/24 mm in 600 g, 900 g and 25 kg packs.

WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to FAST Construction Chemicals ("FAST") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose.



7.06

FAST FIBREMIX S 65/35

A STEEL WIRE FIBRE

PRODUCT DESCRIPTION

FAST FIBREMIX S 65/35 is a cold drawn steel wire fibre with hooked ends for excellent anchoring. It provides ductility and high load bearing capabilities.

USES AND ADVANTAGES

FAST FIBREMIX S 65/35 is used in industrial flooring, precast concrete, pavements and tunneling. Use in structural, insitu and spray applications.

BENEFITS

- Optimal ductility and load bearing capacity.
- Flexible.
- Cost effective.
- Speeds up work.
- Crack resistance and control.
- Easy mixing.
- Improved pumpability and optimal distribution.
- Provides uniform multi directional reinforcement.
- Improves impact resistance, fatigue endurance and shear strength of concrete.
- Improved durability.
- Glued & unglued available.
- Bright steel.
- High post cracking strength.

PROPERTIES

Length:	35 mm.
Diameter:	0.55 mm.
Aspect Ratio:	65
Fibre Family:	3 D
Tensile Strength:	Rm nom : 1.360 N/mm ²
Young Modulus:	> 200.000 N/mm ²

Conforms to EN 14889-1 (system 1) and ASTM A820 For other types and sizes please consult FAST CHEM.

APPLICATION

Before using **FAST FIBREMIX S 65/35** preliminary testing should be done. Preferably use a central batching plant. Depending on the fibre type & dosage slump may be reduced, to offset this use one of Fast Super-plasticizers.

Introduce fibre with the sand & aggregate. Do not add fibres as the first component.

The mixing time depends on the efficiency of the mixing equipment. Mix concrete for at least 5 minutes after adding all fibres.

Trials are recommended before work commences. Pump hoses should be greater than 1.5 x the length of the fibre.



FastChem Technologies

The Fast Chemistry for Construction

DOSAGE

Dosage from 15-60 kg/m³ consults FAST CHEM for the correct dosage.

PACKAGING

25 kg bags palletized and shrunk wrapped.

STORAGE & SHELF LIFE

Protect from rain, the shelf life is unlimited when stored correctly Do not stack.

HEALTH & SAFETY

Use glove and eye protection.

TECHNICAL SERVICE

The FAST CHEM Technical Service Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

QUALITY ASSURANCE

ISO 9001 : 2008 verified by TUV Nord.

0749-CPD
EN 14889-
1

Conforms to
ASTM A820

CE

ASTM A820

DISCLAIMER

Performance data is achieved testing in accordance with International Standards. Testing by others may result in different results from those published as a result of external factors such as poor sampling, incorrect mixing, varying temperatures, curing, crushing procedures etc.

FAST CHEM does not take responsibility nor need to defend others testing that does not achieve the published data. The user must test the products suitability for the intended application and purpose. FAST CHEM reserves the right to change the properties of the product. Site conditions and differences in materials are such that no warranty or fitness for a neither particular purpose, nor liability can be inferred from the published data sheet, written recommendations or from other advice offered.

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