

Chelfix Fiber Glass

Extra Quality Chopped Glass Fiber for Concrete and Mortars

Product Description

Super Quality Glass Fibers compatible with all types of cement, minimizing shrinkage cracks in plaster, screed or concrete.

Areas of Application

- Can be used with all types of cement, for strengthening and minimizing shrinkage cracks in plaster, screed or concrete.
- It is used in mill-mixed plaster, screed and mortars.
- In heat resistant plaster plates.
- In gunite works.
- For plastering on thermal insulation walls.
- In site and industrial concrete.

Advantages

- It reduces plastic and shrinkage cracks.
- It minimizes the concrete damages caused by freeze-dissolution in the UV open field concrete.
- It increases the resistance to abrasion, fracture and breakage.
- It demonstrates high resistance to all kinds of climate conditions.
- It reduces rebound rate in shotcrete applications.
- Resistant against external impacts and frost.
- Has very good adherence and high resistance.
- It is durable, inflammable, and does not roughen.
- It has a water-soluble packaging.
- Easy to use, low cost, no additional labor required.



Application| Instructions

Chelfix Fiber Glass is added in plaster, screed, concrete in production plants or construction sites. If the distance between the ready-mixed concrete production plant and the construction site is more than 1 hour, the product is put in the concrete mixer in the construction site. 1 bag (600 gr / m³) is put into 1 m³ concrete. The mixer is stirred at low speed for at least 5 minutes. The concrete is placed in the mold. Cleaning: immediately after application, before hardened, the areas of contact with the skin and hands should be cleaned with water. The used equipment should be cleaned as soon as possible. After use, the hardened mortar and concrete can only be cleaned by mechanical methods.

Application Notes/ Restrictions

- Chelfix Fiber Glass is suitable for use in terrestrial regions where the temperature difference between night and day is very high.
- However, there is no positive or negative effect on flexural strength, flexibility of concrete.
- It is not used for steel reinforcement. Static calculations should be made of iron reinforcements and joints should be cut.
- There is no positive or negative effect Chelfix Fiber Glass on compressive strengths of 3, 7 and 28 days.

Technical Data

Color	White
Density	2.54 kg/lit
Packaging	1 bag (600 gr) - 40 pcs (1 parcel)
Consumption	1 bag (600 gr / m ³) of product is put into 1 m ³ screed, plaster or concrete.
Shelf Life	Minimum 3 years in unopened original packaging.
Modulus of Elasticity	77.000 N/mm ²