

# Teknofiber Glass

## Chopped Glass Fiber for Concrete and Mortars



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<b>Product Description</b>	Glass fibers compatible with all types of cement, minimizing shrinkage cracks in plaster, screed or concrete.
<b>Areas of Usage</b>	<ul style="list-style-type: none"><li>• It's used in mill-mixed plaster, screed and mortars,</li><li>• In gunite works,</li><li>• In heat resistant plaster plates,</li><li>• In site and industrial concrete.</li></ul>
<b>Features and Benefits</b>	<ul style="list-style-type: none"><li>• It reduces plastic and shrinkage cracks.</li><li>• It increases the resistance to abrasion, fracture and breakage.</li><li>• It minimizes the concrete damages caused by freeze-dissolution in the UV open field concrete.</li><li>• It reduces rebound rate in shotcrete applications.</li><li>• Easy to use, low cost, no additional labor required.</li><li>• It has a water-soluble packaging.</li></ul>
<b>Application Instructions</b>	<p>TEKNOFIBER 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 / m<sup>3</sup>) is put into 1 m<sup>3</sup> concrete. The mixer is stirred at low speed for at least 5 minutes. The concrete is placed in the mold.</p> <p>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.</p>
<b>Application Notes / Restrictions</b>	<ul style="list-style-type: none"><li>• TEKNOFIBER GLASS is suitable for use in terrestrial regions where the temperature difference between night and day is very high.</li><li>• However, there is no positive or negative effect on flexural strength, flexibility of concrete.</li><li>• It is not used for steel reinforcement. Static calculations should be made of iron reinforcements and joints should be cut.</li><li>• There is no positive or negative effect of TEKNOFIBER GLASS on compressive strengths of 3, 7 and 28 days.</li></ul>

#### Technical Data

General Information	
Color	White
Density	2,54 kg/lt
Packaging	1 bag (600 gr) - 40 pcs (1 parcel)
Consumption	1 bag (600 gr / m <sup>3</sup> ) of product is put into 1 m <sup>3</sup> screed, plaster or concrete.
Shelf Life	Minimum 2 years in unopened original packaging.
Modulus of Elasticity	77.000 N/mm <sup>2</sup>

Technical data are approximate values obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20°C air temperature and 50% relative air humidity.

