



Fibrofor[®] Green

Using the power of nature to eliminate shrinkage cracks

Fibrofor Green prevents **early shrinkage cracks**

THE END PRODUCT – A NATURAL PRODUCT

Green can be used anywhere where preventing plastic shrinkage is essential, such as in the production of floor panels, prefabricated elements, screed and stucco. The recommended standard dosing is 600 g/m³ of concrete. Fibrofor Green fibre is made from fast-growing raw materials.

- 1 ton of Fibrofor Green raw material absorbs around 1.5 tons of CO₂ during its growth.
- Fibrofor Green is a 100% natural product
- The raw material is one of the top CO₂-absorbing plants



Maximum performance at a low cost

TECHNICALLY IMPRESSIVE

The high number of short-cut fibres prevents the formation of up to 100% early shrinkage cracks during the first hours and helps fully meet our customers' strict requirements.

SIMPLE APPLICATION

The pelleted fibres make application considerably easier and allow for quick and precise dosing of the fibres in concrete and precast element production. Fully automated dosing of Fibrofor Green is possible.

Fibrofor Green is offered in water-soluble 300-g bags that greatly reduce waste from residual packaging.

DURABLE AND MAINTENANCE-FREE

Corrosion – a problem with steel fibres and mats – is of no concern with Fibrofor Green. The prevention of extremely fine hair-line cracks increases the durability of the concrete and the steel reinforcement inside by slowing or even preventing the influx of water and other aggressive liquids. Increased durability with no additional maintenance.

LASTING CONCRETE IMPROVEMENT

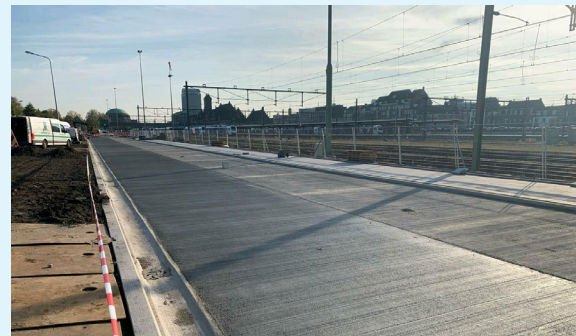
Contec Fiber AG holds an Environmental Product Declaration (EPD) for Fibrofor Green in accordance with ISO 14025 and EN 15804



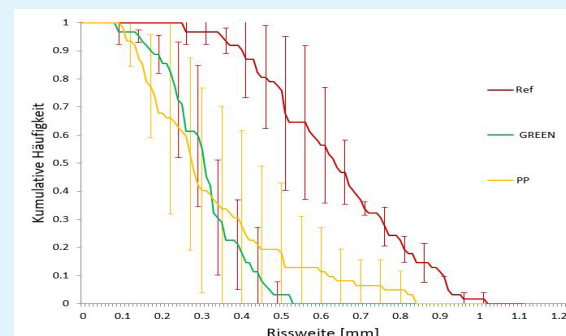
SAMPLE APPLICATIONS



Train station platform, Zutphen, Netherlands



Bus line, Maastricht, Netherlands



Shrinkage characteristics

Benefits

Greater shrinkage performance

Reduced costs through low dosing

Reduced carbon footprint of the overall design

Renewable raw material

No corrosion in architecturally sophisticated elements

Easy handling due to light weight

Not visible on concrete surface

Simple dosing in pellet form

Water-soluble 300-g bag packaging – no waste

Quickly renewable raw material – 100% natural product

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