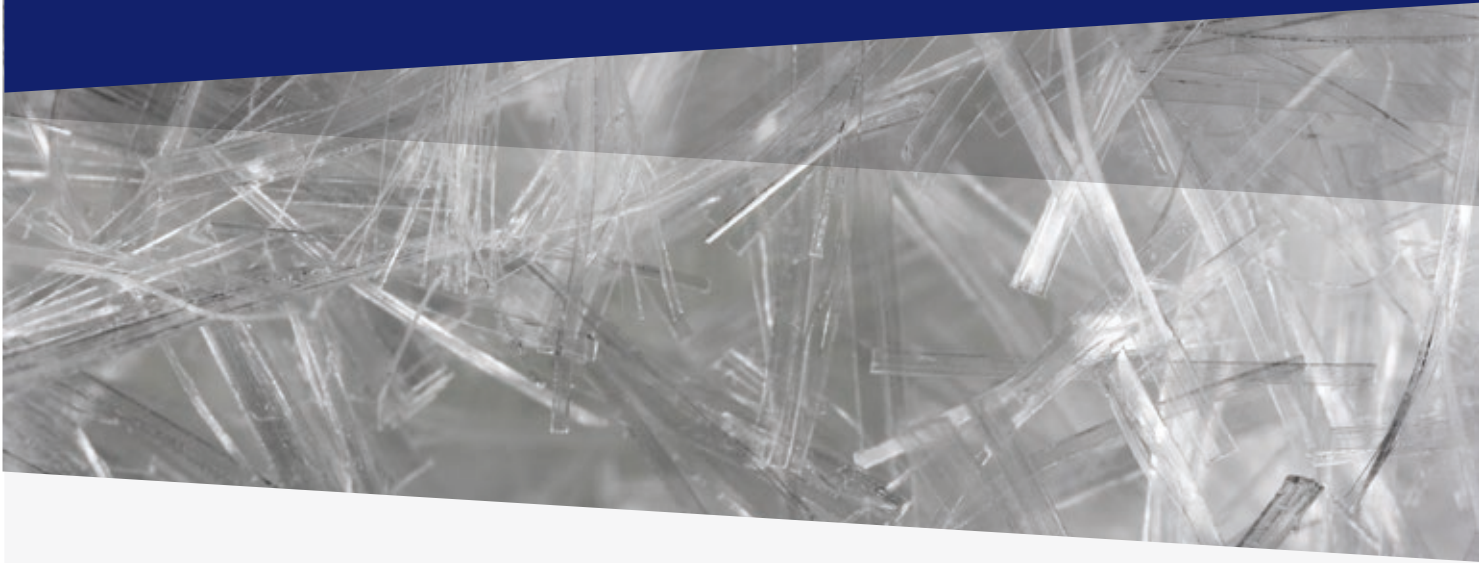


CRACKSTOP® F

FIBRILLATED POLYPROPYLENE FIBRES



The Crackstop range of fibrillated polypropylene fibres reduce the occurrence of plastic shrinkage cracking and plastic settlement, whilst enhancing the surface properties and the durability of the hardened cementitious product. The fibres are cut to lengths of 3, 6, 12 or 18 mm and have a nominal thickness of 50 microns. Crackstop fibres are coated with surfactant to improve dispersion and bond.

Advantages & Benefits

- Reduced plastic shrinkage cracking
- Alternative to crack control mesh
- Reduced plastic settlement cracking
- Increased abrasion properties
- Reduced bleeding
- Increased impact resistance

General Applications

- Mortar/render
- Shotcrete/gunite
- Precast concrete
- Repair materials
- Screeds

Mixing Directions

Crackstop fibres should ideally be added at the batching plant although in some instances this may not be possible and addition on site will be the only option. If mixing at the batching plant, Crackstop fibres should be the first constituent, along with half the mixing water. After all the other ingredients have been added, including the remaining mixing water, the concrete should be mixed for a minimum of 70 revolutions at full speed to ensure uniform fibre dispersion. In the case of site mixing, a minimum of 70 drum revolutions at full speed should take place.



Packing & Dispensing

Crackstop fibres are packed in the desired measured quantities in either degradable/pulpable paper bags or plastic bags. The paper bags can be added to the truck or plant mixer unopened. Plastic bags will need to be opened and the fibres added manually. Please note that one bag of fibres is the required amount of product for one cubic metre of concrete. Bagged fibres are placed in boxes for ease of handling. Fibres can also be ordered in bulk quantities and packed in boxes or super sacks of various sizes between 20-200 kg. The larger units are specifically designed for projects where fibre dosage machinery is available.

Storage

Crackstop fibres must be stored on a clean surface, in dry conditions, under cover and away from the possibility of damage.

Health & Safety

Please read the specific Adfil safety data sheet or contact us for consultancy.

Quality Assurance

The Quality Management Systems of Low & Bonar facilities have been approved to the ISO 9001 Quality Management System Standard. Certificates are available on request. Adfil products are manufactured to exacting standards on technologically advanced production and packaging lines, which allows constant monitoring of quality. Quality audits are conducted at our manufacturing plants.

Technical Advice

We have Regional Technical Sales Managers, Concrete Technologists and Engineers to assist you in the correct use of Adfil products.

Specification

In order to ensure that you are not specifying a technically inferior product, please ensure that your specification conforms to include the following:

- Material: 100% virgin polypropylene
- Design: Fibrillated
- Fibre length: 3, 6, 12 or 18 mm nominal
- Surface: Coated for dispersion

Design Service

For all concrete floor design requirements please consult your Adfil representative.

Total Solution Provider

We offer a full design service for Adfil products. Our expertise and knowledge of the construction industry means that we can offer our customers bespoke solutions in terms of engineered proposals, concrete mix designs, packaging configurations, high standards of distribution and fibre dosage equipment.

All information and product specifications provided in this document are accurate at the time of publication. As the Low & Bonar Group follows a policy of continuous development the provided information and product specifications may change at any time without notice and must not be relied upon unless expressly confirmed by a relevant member of the Low & Bonar Group upon request. No liability is undertaken for results obtained by usage of the products and information.

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PL-ENG-CSF-02/2017

Adfil. Reinforced concrete reinvented.