

## Crackstop Polypropylene fibre for concrete

<b>Description</b>	Crackstop is produced by refined polypropylene and is durable against the alkalinity of the concrete. Crackstop has good dispersion properties in fresh concrete and an optimal anchoring in the hardening concrete. Crackstop fulfills EN 14889-2. Certificate number: M195P0611 (18 µm) and M320P0612 (32 µm) The product fulfils the criteria for chemical products in BASTA.
<b>Usage</b>	Crackstop can be used in all cement based materials such as concrete and mortar.  Crackstop has two main fields of use: <ul style="list-style-type: none"> <li>■ Prevent cracks due to plastic shrinkage</li> <li>■ Prevent fire spalling</li> </ul> Crackstop also improves the cohesion of the fresh concrete. Crackstop can be used in all kinds of concrete coatings and repair mortars. In shotcrete Crackstop will reduce waste because of less rebound material. Pre test must be performed when Crackstop will be used to prevent fire spalling.
<b>Product Data</b>	
Colour	White
Type	Polypropylene fibre
<b>Technical Data</b>	
Density (at +20°C)	0,9 kg/dm <sup>3</sup>
Fibre length	6 mm and 12 mm
Specific surface	225 m <sup>2</sup> /kg
Temperature of use	Max +145°C
<b>Packing size</b>	There are three different Crackstop dimensions and they can be delivered in the following packages:  Ø: 18 µm ; L: 6 mm    Packing size: 0,6 kg or 10 kg Ø: 18 µm ; L: 12 mm    Packing size: 0,6 kg or 10 kg Ø: 32 µm ; L: 6 mm    Packing size: 0,9 kg
<b>Shelf life</b>	Unlimited in unopened original package.
<b>Execution</b>	Add Crackstop into the concrete at the same time as the other materials or as soon as possible in the mixing procedure to get an effective dispersion without extending the normal mixing time.
<b>General</b>	Normal dosage of Crackstop is 0,6-2,0 kg/m <sup>3</sup> concrete. In concrete slabs and slab on ground is the recommended dosage 0,6kg Crackstop/m <sup>3</sup> concrete. That dosage will reduce the concrete slump by approximately 10%. For mortars using aggregates with a max particle size of 8 mm, the Crackstop 6 mm is recommended. For concrete with larger stone particles the Crackstop 12 mm is recommended.
<b>Health &amp; Environment</b>	See separate health and environment data sheet.
<b>Regulations</b>	The information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request. <a href="http://www.sika.se">www.sika.se</a> .



Sika Sverige AB  
Domnarvsgatan 15  
Box 8061  
SE-163 08 Spånga  
Sverige

Tel. +46 8 621 89 00  
Fax +46 8 621 89 89  
[www.sika.se](http://www.sika.se)

