



1012 Thick Flow Fiber

TECHNICAL DATASHEET

Version: 2021-03-10

PRODUCT DESCRIPTION

A cement-based, self-levelling, pumpable floor screed with fiber designed for the smoothing of concrete substrates. Normally provides a finished surface without the need for subsequent treatment, although in certain circumstances there may be a need for grinding. Recommended application thickness is 8-50 mm. The product does not contain casein.

AREA OF USAGE

Designed for the smoothing of concrete substrates. The product is designed as an underlayment for carpet, linoleum, PVC, parquet, clinker or similar materials in homes, offices, hospitals, schools, nurseries, etc. Please contact Bostik AB for questions regarding application on other substrates.

WORKING INSTRUCTION

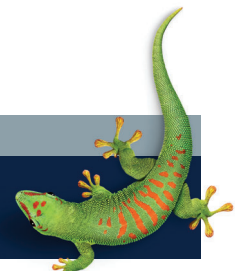
Substrate: Make sure that the substrate is free from dust, dirt, oil, grease, wax, etc. and that it is solid and hard, without soft concrete, cracks on the surface or the like. Any sludge layer should be ground or milled away. The substrate must maintain at least +10°C. **Priming:** For improved adhesion and to prevent quick drying-out, the substrate should always be pre-treated with Bostik Primer 6000. The primer is applied to a normally absorbent substrate, diluted with water in the ratio 1:3. 2 treatments are recommended on more absorbent substrates. **Mixing** During application use a suitable mixing pump. Adjust the volume of water to 18-19%. Check the volume of water with a flow test. At the correct volume of water, the flowability must be according to Technical Data. Also check with the flow test that the smoothing compound is well coherent and free from separation. Use water +5 to +20°C. The temperature of the compound should be between +10 to +20°C. **Application:** The compound is pumped onto the substrate and then flows together by itself to form a smooth and flat surface. It may be necessary to help the compound into e.g. corner spaces, and in the case of very uneven surfaces it could help to aid the distribution of the compound with a toothed trowel. Once mixed the compound should be applied within 20 minutes. This time is, however, only a guideline and is dependent on factors like application thickness, temperature and the humidity and absorbent capacity of the substrate. When applying 2 layers, priming should be carried out between the layers, which should be kept completely dry. PLEASE NOTE! With sun exposure, high temperature, strong ventilation or other factors that can accelerate the drying process, the surface should be protected against drying too quickly.

SAFETY

The product contains cement and is an irritant to skin. For further information, please refer to the product's safety data sheet.

CONTACT US

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TECHNICAL DATA

| | |
|---|---|
| Adhesive | Special Cement |
| Aggregate | Natural sand, max. 2.0 mm |
| Application thickness | 8-50 mm |
| Application time | approx 20 min |
| Walk on time | after approx. 2-4 hours if the temperature during the drying period is min. +18°C. |
| Coverable after | Allow 1 day per mm of application thickness or when RH (relative humidity) is below the permitted level for the floor covering in question. |
| Consumption | approx. 1.70 kg powder per m ² and mm thickness |
| Flowability | 140 - 150 mm (SS 923519 (50x22 mm)) |
| Compressive strength | C30 |
| Flexural strength | F7 |
| Surface strength | > 1.5 MPa |
| Shrinkage | < 0.5 mm/m |
| pH in dried-out material | 10.5 -11 |
| Fire classification | A1fl (EN 13501-1) |
| Cleaning of tools | Immediately with water |
| Packaging | Big bag and bulk |
| Shelf life | 6 months in a dry and cool location in unopened packaging |
| Classification: | M1 |
| Volume of water | 18 - 19% |
| Resistance to rolling chair wheels (GBR std.) | RWFC 450 |

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