

PRODUCT DATA SHEET

SikaFiber® PPM-6

MICRO-POLYMER FIBRE FOR USE IN CONCRETE AND MORTAR

DESCRIPTION

SikaFiber® PPM-6 is a special form of synthetic micro-reinforcement. When typically used in concrete, the fibre causes increased cohesion and stability in fresh concrete. In hardened concrete, it provides increased impact and shock resistance and reduces plastic shrinkage cracks. SikaFiber® PPM-6 is insensitive to alkali.

USES

- Industrial floors
- Concrete traffic areas
- Prefabricated parts and concrete products
- porous concrete such as banquet concrete, drainage concrete and porous concrete

FEATURES

- Reduces cracks due to plastic or drying shrinkage
- Improves cohesion in fresh concrete
- Simple handling, easy to work with
- Improved green strength
- No corrosion
- Increased resistance to impact, shock and wear stresses
- Increased durability
- SikaFiber® PPM-6 is a special form of synthetic micro-reinforcement that is evenly distributed in the concrete.

CERTIFICATES AND TEST REPORTS

Complies with DIN EN 14889-2 Class Ia.
Approval no.: Z -3.73-2198, DIBt Berlin

PRODUCT INFORMATION

Composition	100 % polypropylene
Packaging	0.9 kg in decomposable paper bags 20 bags in a carton 30 boxes on pallet
Appearance and colour	Monofilament/white
Shelf life	24 months shelf life from date of manufacture if stored properly in undamaged and unopened packaging
Storage conditions	Store at temperatures between 5 °C and 30 °C. Protect from direct sunlight, frost, water and soiling.
Density	0.91 g/cm ³ at +20° C
Dimensions	Length: 6 mm / Diameter: 0.032

Melting point	160 °C
Ignition temperature	> 320 °C

TECHNICAL INFORMATION

Resistance to alkalinity	High
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APPLICATION INFORMATION

Recommended dosage	At least 600 g per m ³ of concrete to reduce shrinkage cracking, at least 900 g per m ³ to improve impact strength.
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BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

LEGAL NOTES

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 accordance with Sika's recommendations. 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 user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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