

Basalt Wave

■ PRODUCT DESCRIPTION

The 50 mm long Basalt Wave is used in two variants for concrete reinforcement and shotcrete.

It forms an innovative and environmentally friendly alternative to traditional reinforcement in polypropylene and steel.

Our specially developed, corrugated and three-dimensional basalt rods ensure optimal bonding and distribution in the concrete, resulting in improved strength and durability of the end product.

With basalt fibres, you choose a future-proof material that combines sustainability and performance perfectly.

■ APPLICATION

The basalt microfibre has been specially developed for use in concrete mixes, including:

- Precast concrete elements
- Edge beams (hybrid)
- Shotcrete
- Ballast blocks

■ PROPERTIES & BENEFITS

- Made from basalt fibre (natural volcanic rock)
- High tensile strength
- Low density (lightweight)
- Low CO₂ footprint
- Basalt fibres are fully recyclable
- Corrosion-resistant (does not rust)
- Resistant to acids and alkalis
- Excellent bonding in concrete thanks to the 3D profile
- High temperature resistance

■ PACKAGING

- Packed in a 10 kg polyethylene bag
- Easy to dose and safe to use

■ GUIDELINES FOR USE

The fibres are added to the concrete mixer during the mixing process, together with all other raw materials.

The exact dosage depends on the predetermined concrete mix design.

■ PRODUCT INFORMATION

Type / standard	Basalt – macro fibre
Strand tex	2000 tex
Length	50 / Ø 1.2 mm
Matrix	Epoxy resin
Ecological data	Environmentally friendly
Preventive measures	No technical or individual measures required

WOULD YOU LIKE MORE INFORMATION? PLEASE GET IN TOUCH

Dutch Fiber Trading B.V.

Kwelder 3
1713 GN Obdam
The Netherlands

Tel: +31 (0)226 – 700 292

E-mail: info@dutchfibertrading.com
www.dutchfibertrading.com

Despite the careful compilation of the content of this publication, Dutch Fiber Trading accepts no liability whatsoever for any damage arising from any error in this publication. Our general terms and conditions of sale and delivery apply to all our offers, communications and agreements. For an overview of our general terms and conditions, please visit: www.dutchfibertrading.com. The texts and illustrations in this document have been compiled with great care. Nevertheless, errors cannot be ruled out. The publisher and editors accept no legal responsibility or liability of any kind for incorrect information and the resulting consequences.