

Basalt Roving

■ PRODUCT DESCRIPTION

Basalt Roving is a microfibre for the reinforcement of concrete in concrete plants. It increases tensile strength, limits crack formation and improves durability. Thanks to the continuous filament structure and good adhesion to cement-bound systems, it is suitable for efficient processing and consistent mix quality.

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

■ APPLICATION

- Flowing screeds and floor screeds
- Precast concrete elements
- Cement-bound mortars
- Structures where durability and crack control are crucial

■ PROPERTIES & BENEFITS

- Prevents and limits crack formation
- Improves tensile and flexural strength
- Increased wear resistance and durability
- Low CO₂ footprint
- Basalt fibres are fully recyclable
- Corrosion-resistant (does not rust)
- Resistant to acids and alkalis

■ PACKAGING

- Packed in a 20 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.

■ DOSAGE

The standard dosage is 0.6 kg to 1.0 kg microfibres per m³.

■ PRODUCT INFORMATION

Type	Basalt – shrinkage
Monofilament diameter	13–23 µm
Cut length	12 mm
Moisture content (% weight)	< 0.1
Sizing type	Silane
Sizing content (% weight)	≥ 0.4
Compatibility	Epoxy

WOULD YOU LIKE MORE INFORMATION? PLEASE GET IN TOUCH

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