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# BAS-DELTA 1



## Product Description : BAS-DELTA 1 (17 $\mu$ m)

### Available lengths: 6mm - 12mm

<u>Product data sheet:</u>	Units of measurement	Technical indicators
Tensile Strength	MPa	2500
Resistance to fracture	N/Tex	17 $\mu$ m $\geq$ 0,4
Elongation at break	%	$\leq$ 3.1
Density	g/cm <sup>3</sup>	2.6 - 2.7
Moisture content	%	$\leq$ 0.2
Fire resistance	-	None
Elasticity	GPa	$\geq$ 80

<u>Functional indicators:</u>	Unit of measurement	Specifications
Thermal conductivity	W / (m $\cdot$ K)	0.030 - 0.038
Volumetric resistance	$\Omega \cdot$ m	1 * 10 ^ 12

Type of sizing	Silane
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**Packaging:**

BAS-DELTA 1 is available in 20 kg or 25 kg plastic bags, on octabins or in boxes on pallets. Other packaging available on request.

**Storage:**

BAS-DELTA 1 should be stored in a dry, cool, moisture-proof area and should remain in its original packaging until used. Basalt fiber is a brittle inorganic material, bending and contact with rough surfaces should be avoided and unnecessary friction reduced.

**Main advantages:**

- Better abrasion and impact resistance
- Low weight and easy processing
- Excellent surface finish and strong reduction of capillary cracks and fissures
- Chemically inert
- Ideal for most of all types of concrete mixes
- Resistant to cement alkalis and acids

**Main areas of application:**

Concrete slabs	Sprayed concrete
Parking lots and garages	Swimming pools
Industrial flooring	Lightweight concrete
Roadways	Finished concrete pieces
Cellar walls	Saltwater and freshwater construction
Aseptic pits	Dry mortars

*The above data should be regarded as general indications.*

*Working conditions, outside our influence, and the many types of different materials preclude the possibility of giving absolute indications.*

*In case of doubt, we recommend in-house testing.*

*We can only guarantee the consistent quality of our product.*

*Specifically, the Client should test our products to check their suitability for the intended application. He remains solely responsible for the decisions made.*