



VERSTAERKUNG FIBER ASSOCIATION
23900 LECCO (LC) Italy - Via Plava, 7
Tel. 0039 0341 28.57.92 - Tel. 0039 0341 28.58.12
Internet : www.vfasrl.com
E-mail : vfa@vfasrl.com

BAS-DELTA 1R



Product Description : BAS-DELTA 1R (17 μ 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 μ m $\geq$ 0,4
Elongation at break	%	$\leq$ 3.1
Density	g/cm ³	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	$\Omega \cdot m$	$1 * 10^{\wedge} 12$

Type of sizing	Silane
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Packaging:

BAS-DELTA 1R is available packed in 5-kg or 25-kg plastic bags on oktabin or boxes on pallets. Other packaging upon request.

Storage:

BAS-DELTA 1R 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.