



BBP150.100.12

Article number: FGMW0001
Technical Data Sheet
 16th January 2014

BBP150.100.12 is a basalt fabric in plain weave.

1. Fabric

Weave		plain
Weight, g/m ²	ISO 3374:2000	150 ± 10
Thread type warp		Basalt roving
Thread type weft		Basalt roving
Thread count, F/10 cm, warp		100 ± 5
Thread count, F/10 cm, weft		90 ± 5
Tenacity for 5 cm, N, warp		> 106
Tenacity for 5 cm, N, weft		> 101
Width, cm	ISO 5025:1997	100 ± 1
Thickness, mm	ISO 4603:1993	0.13 ± 0.02
Combustibility, M0	NF P92-503:1995	Pass
Loss on ignition, % weight	ISO 1887:1995*	0.4 - 0.6
UV stability	ISO 105-B02	6
Color stability	ISO 1005-BX12	6

* After drying according to ISO 3344:1997

2. Basalt fiber

Fiber type		Basalt continuous filament
Specific weight (without sizing), g/cm ³		2.67 ± 5%
Melting temperature, °C		1350 ± 100
Moisture content, % weight	ISO 3344:1997	0.1 ± 0.005

3. Sizing no. 12**

Sizing	Epoxy silane
Sizing content	>0,4 % weight
Compatibility	Epoxy (EP), phenolic (PF), concrete
Processing	Laminate, prepregs
Application	Laminates, fire protection, thermal and sound insulation, textile reinforcing concrete, reinforced structural parts, boat building, mold making, container etc.

**Other sizing types available by order over 5000 sq m.

4. Packaging

Standard roll length amounts to 250 m (other lengths available on request). Tube interior diameter is 76 mm. Fabrics rolls are individually wrapped in foil and delivered on a pallet.

5. Storage

Basalt fabrics should be stored in the package at the stock (indoor conditions). Rolls should be placed parallel to each other.