



# BBP130.110.12

Article number: FGMW0107  
**Technical Data Sheet**  
 21<sup>st</sup> July 2015

BBP130.110.12 is a basalt fabric in plain weave.

## 1. Fabric

Weave		plain
Weight, g/m <sup>2</sup>	ISO 3374:2000	130 ± 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		100 ± 5
Tenacity for 5 cm, N, warp		> 106
Tenacity for 5 cm, N, weft		> 101
Width, cm	ISO 5025:1997	110 ± 1
Thickness, mm	ISO 4603:1993	On request
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 <sup>3</sup>		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 110m<sup>2</sup>/role

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