

MULTI-AXIAL FABRICS

Multi-axial (non-crimp) reinforcement fabrics are made up of several layers of parallel fibers, which can be laid in different orientations. The individual layers are then stitched together to form a single and multi-axial reinforcement fabric which is seamlessly processed like traditional reinforcements. General purpose and specific grades for vinylester/polyester resins.

Grade	Weight (g/m ²)	Style	Width (mm)	Plies orientation Weight (g/m ²)	Resin compatibility
BAS UNI 350	417	UNI	1270	0° (90°) (354/53)	Epoxy
BAS BI 250	258	BX	1270	-45°/+45° (125/125)	Epoxy
BAS BI 450	476	BX	1270	-45°/+45° (234/234)	Epoxy
BAS BI 620	628	BX	1270	-45°/+45° (310/310)	Epoxy
BAS BT 700	718	BT	1270	0°/90° (354/354)	Epoxy
BAS TRI 720	730	TRI	1270	-45°/0°/+45° (183/354/183)	Epoxy

Grade	Weight (g/m ²)	Style	Width (mm)	Plies orientation Weight (g/m ²)	Resin compatibility
BAS UNI 550 UP-VE	578	UNI	1270	0° (90°) (520/50)	Vinylester / Polyester
BAS BI 500 UP-VE	498	BX	1270	-45°/+45° (245/245)	Vinylester / Polyester
BAS TRI 600 UP-VE	609	TRI	1270	-45°/90°/+45° (200/204/200)	Vinylester / Polyester

Total weight includes stitching - Customized strips of 15 cm and larger are available on request.

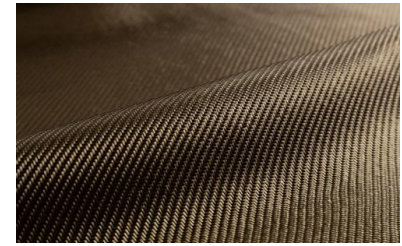


CHOPPED STRAND MAT

Powder basalt chopped strand mat used in marine applications. Recommended with polyester / vinylester resins.

Grade	Weight (g/m ²)	Style	Width (mm)	Plies orientation Weight (g/m ²)	Resin compatibility
BAS CSM 350	350	CSM	1040	Random	Vinylester / Polyester

WOVEN FABRICS



High quality woven basalt fabrics with the right stability and impregnation properties for all type of composite applications. Excellent surface properties.

Application in fire-proof composites for fire-barrier and burn-through protection.

Grade	Weight (g/m ²)	Width (mm)	Weave style	Resin compatibility
BAS 115 P	115	1270	Plain	Epoxy
BAS 220 P	220	1270	Plain	Epoxy
BAS 220 T	220	1270	Twill 2/2	Epoxy
BAS 285 S	285	1270	Fine satin	Epoxy
BAS 350 S	350	1270 - 2100	Satin	Epoxy
BAS 440 S	440	1270	Fine satin	Epoxy
BAS 630 T	630	1270	Twill 1/3	Epoxy
BAS 880 T	880	1270	Twill 2/2	Epoxy
BAS 880 P	880	1270	Plain	Epoxy

Variations in fabric weight, weave style and width can be produced on request.



UNIDIRECTIONAL FABRICS

Unidirectional basalt rovings – stabilized with thermo-yarn in weft.

Grade	Weight (g/m ²)	Width (mm)	Weave style
BAS UD 400	400	1270	Woven UD – warp stab/thread