PRODUCT SHEET

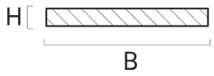
SAIL BATTENS TRIGLASS®

All dimensions are realizable upon order, with ample customization possibilities regarding reinforcements, resins, colors and finishes, based on minimum lots varying according to the required profile.

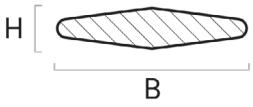
(S) Dimensions currently available in stock are indicated in red, subject to prior sale.

Nominal dimensions: mm

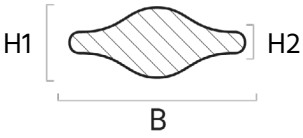
PLATES		
BASE	**HEIGHT**	i
9	2,5	**S**
15	5	
18	2	**S**
24	2,5	**S**
30	4,5	**S**
50	4	**S**



Flat sail batten



Rhomboid sail batten



Cross sail batten

RHOMBOID SAIL BATTEN			
BASE	**HEIGHT 1**	**HEIGHT 2**	i
15	3	1	**S**
15	4,5	1,8	
24	4	1,8	**S**
30	3	2,5	**S**
40	4	2	**S**

CROSS SAIL BATTEN			
BASE	**HEIGHT 1**	**HEIGHT 2**	i
15	6	1,5	**S**
25	7,5	2,6	

RAW MATERIALS

Fiberglass
Thermosetting resin

APPLICATIONS

Nautical sector
Windsurfing
Sailboats

IN-STOCK PROFILES

LENGTH:
Length: 4000 mm
COLOR:
White
MATRIX:
Standard Polyester
The profiles are divided into indivisible standard bundles

PRODUCTS

100% Made In Italy

PRODUCT SHEET

SAIL BATTENS TRIGLASS®

VALUES REFER TO REINFORCED PROFILES WITH FIBREGLASS IN A POLYESTER MATRIX. Mechanical resistance values are to be considered at breaking. Typical tolerance for mechanical properties referred to the longitudinal direction: ±10%. The provided data is accurate. However, Top Glass does not assume any liability as to its use.

ADVANTAGES

Mechanical resistance
Electrical insulation
Corrosion resistance

NOTES

Lower mechanical values refer to the rods with dimensions 40 x 4 mm and 50 x 4 mm

It is possible to produce the battens in vinylester resin.

CERTIFICATIONS

Recyclability certificate FRP200004

MAIN PHYSICAL - MECHANICAL PROPERTIES

PROPERTY	STANDARD	UNIT OF MEASURE	STANDARD MATRIX - Average Values
Specific weight	ASTM D792	g/cm³	1,8 ÷ 2.0
Coefficient of linear thermal expansion	ISO 11359 - 2	K^{-1}	7.5×10^{-6}
Water absorption	ISO 62	%	0,4
Thermal conductivity	"EN 12667 EN 12664"	W/mK	0,3
Flexural strength	ASTM D790	MPa	500 ÷ 700
Flexural modulus	ASTM D790	GPa	20 ÷ 35
Compression strength	ASTM D695	MPa	250 ÷ 350
Longitudinal compression modulus	ASTM D695	GPa	18 ÷ 30
Fire reaction	UL 94	CLASS	HB
Shear strength	ASTM D2344	MPa	30