

## Sail Batten PROFILES

### FLAT

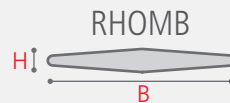
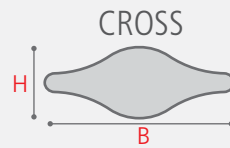
BASE	HEIGHT
9	2,5
15	5
18	2
24	2,5
30	4,5
50	4

### CROSS

BASE	HEIGHT
15	6
25	7,5

### RHOMB

BASE	HEIGHT
15	3
15	4,5
24	4
40	4



Profiles in Stock \*\*  
 Profiles made to order  
 Nominal dimension: mm

#### NOTES:

\*\* STOCK LENGTH: 4.000 mm  
 STOCK COLOR: WHITE  
 STANDARD POLYESTER MATRIX  
 FOR EACH DIMENSION IN STOCK WHITE ENDCAPS AVAILABLE



### TRIGLASS® SAIL BATTENS

These composite profiles represent part of Top Glass standard shapes range and some of them are in stock ready for immediate delivery.

In case of specific needs in terms of mechanical, chemical and fire performances, a wide combination of resins, colors and reinforcements are available for a customized production.

Other tools can be designed and made by Top Glass to produce any other dimension.

Top Glass is certified ISO 9001.

## MEAN PHYSICAL-MECHANICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	STANDARD PROFILES MEAN VALUE
SPECIFIC WEIGHT	ASTM D792	g/cm <sup>3</sup>	1,8 ÷ 2.0
LONGITUDINAL THERMAL EXPANSION COEFFICIENT	ISO 11359 - 2	K <sup>-1</sup>	7.5x10 <sup>-6</sup>
WATER ABSORPTION	ISO 62	%	0,4
THERMAL CONDUCTIVITY	EN 12667 EN 12664	W/mK	0,3
LONGITUDINAL FLEXURAL STRENGTH	ASTM D790	MPa	500 ÷ 700
LONGITUDINAL FLEXURAL MODULUS	ASTM D790	GPa	20 ÷ 35
LONGITUDINAL 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

### VALUES RELATED TO GLASS REINFORCED STANDARD POLYESTER PROFILES

Average tolerance on mechanical properties referred to longitudinal direction: ± 10%.

To the best of our knowledge, the data contained in this publication is accurate. However, Top Glass does not assume liability for how the data is used.

#### NOTES:

- LOWER MECHANICAL VALUES REFER TO SAILBATTENS 40 x 4 mm AND 50 x 4 mm
- POSSIBLE TO PRODUCE IN VINYLESTER RESIN

