

Sail Batten PROFILES

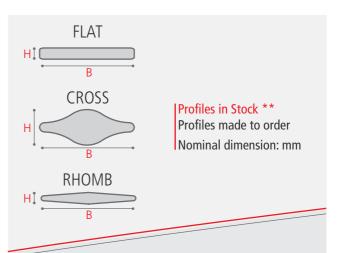
| FLAT | | CROSS | | |
|------|--------|-------|------|--|
| BASE | Height | BASE | Heig | |
| | | | | |
| 9 | 2,5 | 15 | 6 | |
| 15 | 5 | 25 | 7,5 | |
| 18 | 2 | | | |
| 24 | 2,5 | | | |
| 30 | 4,5 | | | |
| 50 | 4 | | | |
| | | | | |

RHOMB

HEIGHT

7,5

| BASE | Height | | |
|------|--------|--|--|
| | | | |
| 15 | 3 | | |
| 15 | 4,5 | | |
| 24 | 4 | | |
| 30 | 3 | | |
| 40 | 4 | | |



NOTES:

** STOCK LENGTH: 4.000 mm STOCK COLOR: WHITE 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/cm³ | 1,8 ÷ 2.0 |
| LONGITUDINAL THERMAL EXPANSION COEFFICIENT | ISO 11359 - 2 | K ⁻¹ | 7.5x10 ⁻⁶ |
| 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: \pm 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



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