

Optimist Foils Measurement

Measurers should check the following measurements before signing the relevant forms in the Registration and Measurement Book.

Rudder:

Item	Measurement	FP	Min.(mm)	ACTUAL	Max.(mm)
1	Rudder without fittings in rectangle, height	5/7			750
2	Rudder without fittings in rectangle, width	5/7			260
3	Thickness of rudder blade	5/7	10		14
4	Bevelling limits	5/7			60
5	Variation of thickness between bevelling limits	1/7			0,5
6	Length of tiller	6/7			750
7	Length of extension	6/7			750
8	Length of tiller + extension assembly	6/7			1200
9	2 Pintles on rudder head	7/7	Ø6		Ø6
10	Distance between bearing line of upper pintle and top of tiller	7/7	85		
11	Retaining clip at forward edge of rudder head below upper bearing line	7/7	5		
12	Assembled rudder + tiller + extension + fittings weight	5/7	1.5 kg		
13	Assembled rudder + tiller + extension + fittings float			YES/NO	

Daggerboard:

Item	Measurement	FP	Min.(mm)	ACTUAL	Max.(mm)
1	Rectangular Shape	2/7		YES / NO	
2	Overall length	2/7			1067
3	Width	2/7	275		290
4	Variation of width	2/7			3
5	Thickness	1/7, 2/7	10		14
6	Bevelling of edges limits	1/7, 2/7			60
7	Variation of thickness between bevelling limits	1/7			0.5
8	Rounding lower corners	2/7			32
9	Rounding upper corners (including stop battens)	2/7			5
10	Height of stop battens throughout	3/7	35		
11	Width of assembled battens and board (check bolts/rivets comply with CR 3.3)	3/7	40		
12	Centre of gravity from lower edge	2/7	520		
13	One hole in battens for securing	3/7			10
14	Weight of daggerboard (including battens)	2/7	2 kg		
15	Daggerboard floats			YES / NO	