

## British Moth Boat Association

### 21<sup>st</sup> Century Moth

In order to assure the long term availability of composite hulls of a very high standard for an ever increasing, discerning and demanding market the British Moth Boat Association has invested in a set of tooling that it owns and controls.

The hull has been adjusted within the tolerances of the class rules and in line with best modern practice (and the most successful boats in the class) by Naval Architect and long time British Moth owner and sailor, Ian Howlett FREng. Ian has previously successfully optimised other “one designs” including the *Dragon*, *Flying Dutchman* and *Flying Fifteen*.

A high precision plug was constructed from full scale computer generated drawings by boat builder Euan Seel. This master plug was then carefully measured by Internationally Respected measurer David Chivers to check and confirm full compliance with the class rules.

A high specification mould was then taken off this by former Olympic sailor and Master boat builder Rob White

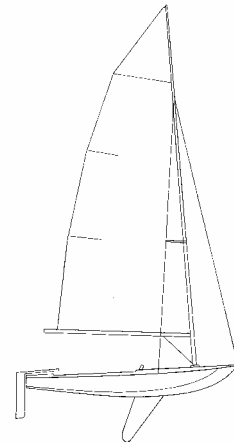
Foam cored shells of the highest quality are to be made for the BMBA, to the specification of Ian Howlett, by White Formula in Brightlingsea

Shells will typically weigh 20 Kg which gives a sensible allowance for a luxurious and down to weight fit out with wooden decks.

Shells are now available for fit out by any builder

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### 21<sup>st</sup> Century Moth Specification

Shells comprise

- Light weight two layer woven roving outer skin
- 6 mm. 100kg/m<sup>3</sup> PVC foam core bonded under vacuum to outer skin
- Light weight two layer woven roving inner skin, peel ply finish
- Isophthalic polyester outer skin with epoxy inner skin
- Plywood core replacements in high load areas
- Laminate post cured before release from the mould
- Measurement stations moulded into shell for ease of checking
- Mask for self bailer placement
- Shells supplied with temporary support beams
- Choice of standard colours, Red, White, Blue, Yellow, Grey and Black
- Two colour Hulls available using standard colours at extra cost
- Special colours available but subject to special quotation
- Hull guaranteed by White Formula

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