Project : Mirabella V
Location : Portsmouth, UK
Product : MicroLouvre Metal Fabric
Case study : MF-071
Install Date : 2003

MicroLouvre™
Solar Shading

Mirabella V is a sloop-rigged super yacht launched in 2003 as Mirabella V. She is the largest single-masted yacht ever built

Key Facts

- 80% open area for free air flow
- 80% open area for outward visibility
- Heat and fire proof
- Hurricane Force 12 wind resistant
- Light and durable
- Salt water tested to ISO 9227
- Accelerated weather tested to ASTM G154
- Humidity tested to ISO 6270
- Lightweight (only 1.1 kgs / square metre)

Mirabella V carries a Carbon Cub, an offshoot of the venerable Piper, on floats

Mirabella V (MV) is the World's largest single-masted yacht. The mast is so high, it means the superyacht is unable to pass under any bridge in the world, even the Golden Gate Bridge.

Modern technologies in spars, rigging, sailmaking, powered winches and electronics enable rigs with larger sail areas, higher aspect ratios, larger loads and simpler handling, which enabled Mirabella V to be constructed.

MicroLouvre was installed in the critical areas of air handling ventilation, providing the necessary free air flow within a narrow profile whilst being very light and durable. The fine louvres also act as an insect barrier and are able to withstand corrosion from the elements.

Smartlouvre Technology Ltd, 18 The Tanneries, Brockhampton Lane, Havant, Hanmpshire PO9 1JB UK
t: +44 (0) 2392 456333 e: info@smartlouvre.com w: www.smartlouvre.com

©Smartlouvre Technology Limited
Registered in England No. 03671995