

Public Interpretation # 006.

Questions:

Rule 4.16 states *“The following list of materials are permitted:*

4.16.1 Fittings may be constructed of 5000, 6000 and 7000 series aluminium alloys, and equivalent alloys of other standards, e.g. BS, DIN, with a minimum specific gravity of 2.65.

4.16.2 Fittings may be constructed of production isotropic cast aluminium alloys with a minimum specific gravity of 2.65.

4.16.3 Fittings may be constructed of steel and steel alloys.

4.16.4 Epoxy, polyester and vinylester resins, using cure and/or post cure temperatures no greater than 950C, and applied pressure under vacuum not exceeding 0.98 atmospheres at STP at any time during the construction process, including post cures. Applied pressure under mechanical compression is not limited.

4.16.5 Glass fibres, aramid fibres and high strength carbon fibres (see rule 3.4).

4.16.6 Non-metallic honeycomb, closed cell PVC, SAN, polymethacrylimide or PET foam.

4.16.7 Wood.

4.16.8 Moulded plastics.”

Rule 5.1.1 states *“Attention is drawn to the Fundamental Rule Policy (see rule 1.1) and the Important Notice (see rule 1.2).”*

Rule 5.2 states *“Minimum panel weight requirements, excluding paint and fairing compound, are as follows:*

5.2.1 Hull bottom up to 300mm above DWL forward of MFS including the entire collision bulkhead: 11.0 kg/m²

5.2.2 Hull bottom up to 300mm above DWL aft of MFS: 8.6 kg/m²

5.2.3 Hull topsides and transom: 7.4 kg/m²

5.2.4 Watertight sub-divisions including hatch panels: 6.5 kg/m²

5.2.5 Deck, including cockpit sole & sidewalls, coach roof, spray dodger and hatch panels: 5.7 kg/m²”

A Boat may have internal tunnels where halyards and control lines could come from the mast collar and/or the bow to a winch on the pit.

The scantling for these elements of structure should ensure that they are robust enough for the loads imposed by passing crew members and sails.

Q1: : What is the minimum panel weight requirement complying with VO70Rv.3 and the *Rules* for these kind of tunnels?

Answers

Interp.	Question	Answer	Rule	Notes
PI # 006	Q1	The minimum panel weight for such tunnels shall be in accordance with rule 5.2.5.	5.2.5	



A.R. Cloughton

Chairman VIG

22/6/10