

Reference	FM 4.74 Rev 1
Release Date	October 2013



## Fire Protection Systems Information

# Fire Restricting Composite Bulkheads and Decks

GRE/PVC Sandwich Panel Type

**Fire Towards Insulated Side**

Profile Wrap System

Accompanies Method Statement FM-MS 05 PW

<b>Product</b>	FireMaster Marine Plus ALU Blanket
<b>Application Requirements</b>	One single layer of 20mm x 48 kg/m <sup>3</sup> <u>or</u> One single layer of 25mm x 64 kg/m <sup>3</sup> applied over the composite structure. See system drawing for exact configuration
<b>Anchoring</b>	3 mm diameter screw-fixed steel anchors 12 to 25mm longer than blanket thickness. Friction fit retaining washers.
<b>Weight</b>	0.96kg/m <sup>2</sup> (20mm system ) or 1.6 kg/m <sup>2</sup> (25mm system) as applied to flat area
<b>System Drawing Reference</b>	FM CAD06-4.74
<b>System Features</b>	Lightweight system with insulation weight as low as 0.96 kg/m <sup>2</sup>
<b>Certification</b>	EU MED (DNV) DNV

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## FMCAD 06-4.74 IMO HSC Code - MSC 40 (64) Fire Restricting Composite Bulkheads and Decks

### COMPOSITE CONSTRUCTION

- 1600 g/m<sup>2</sup> Biaxial 0/90
- 50mm Divinycell H80 core
- 1200 g/m<sup>3</sup> Biaxial 0/90
- Overall Thickness 52,04mm
- Iso Polyester resin tg=80 C

### INSULATION CONSTRUCTION

- FireMaster Marine Plus Blanket applied in one layer of:  
25mm thick 64 kg/m<sup>3</sup> with layer of aluminium foil on surface

### OR

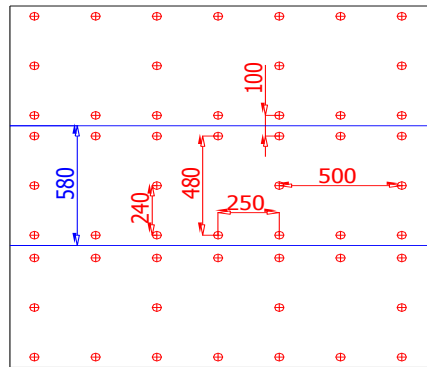
- 20mm x 48 kg/m<sup>3</sup> with layer of aluminium foil on surface

### ANCHORING

- Self drilling stainless steel anchors 3mm diameter with 25mm thread and 38mm diameter friction fit washers. Total length of anchor 80mm (50mm anchor shaft length + 30mm screw)

(Refer to Detail "A")

Anchor Pins on WALLS



Anchor Pins on ROOFS

