

Reference	FM 4.75 Rev 1
Release Date	October 2013



Fire Protection Systems Information

30 minute Load-bearing Composite Bulkhead

GRE/PVC Sandwich Panel Type

Fire towards Insulated Side Only

Profile Wrap System

Accompanies Method Statement FM-MS 05 PW

Product	FireMaster Marine Plus Blanket
Application Requirements	60mm thick x 64 kg/m ³ applied in one single layer.
Anchoring	3 mm diameter screw-fixed steel anchors 12 to 25mm longer than blanket thickness. Friction fit retaining washers.
Weight	3.84 kg/m ²
System Drawing Reference	FM CAD11-4.75
System Features	<ul style="list-style-type: none"> Fully fire tested as a load-bearing system under IMO MSC 45 (65) Fire Test Procedure. Can be used on any sandwich panel design of greater strength
Certification	EU MED (DNV) DNV

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**FM CAD 11-4.75 Fire Resisting
Division for High Speed Craft - IMO
MSC 45 (65)
30 minute Loadbearing Composite
Bulkhead**

COMPOSITE CONSTRUCTION

1600 g/m² Biaxial 0/90
30mm Divinycell H80 core
1200 g/m³ Biaxial 0/90
Overall Thickness 32.04mm

Polyester Resin

INSULATION CONSTRUCTION

"FireMaster Marine Plus" Blanket 60 mm x 64 kg/m³
applied in one single layer. Blanket width of 610mm
compressed to 590mm on installation.

ANCHORING

Self drilling stainless steel anchors 3mm diameter with
25mm thread and 38mm diameter friction fit washers.
Total length of anchor 105mm (75mm anchor shaft length
+ 30mm screw head plus thread)

(Refer to Detail "A")

