

Reference	FM 4.106 Rev 3
Release Date	January 2016



Fire Protection Systems Information

H60 Steel Bulkhead

Fire to either side

Accompanies Method Statement FM-MS 01 PW

Product	FireMaster Marine Plus Blanket
Application Requirements	130mm x 70kg/m ³ FireMaster Marine Plus Blanket applied in 3 layers: <ul style="list-style-type: none"> • 50mm in between stiffeners • 2 x 40mm on bulkhead and over stiffeners. (Stiffeners packed with blanket)
Anchoring	CD welded steel pins 3mm diameter 12 to 25mm longer than blanket thickness. Friction fit retaining washers.
Weight	9.1 kg/m ² on flat area of panel 5.6 kg/m ² over stiffeners
System Drawing Reference	FM CAD13-4.106
System Features	<ul style="list-style-type: none"> • Simple and flexible anchor pin spacing and joint locations (refer to drawing). • High Levels of acoustic and thermal insulation U Value – 0.25 W/m²K • Rw Value better than 49dB
Certification	DNV ABS

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FMCAD 13-4-106 Rev 0
H60 Steel Bulkhead
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Insulation Details

FireMaster Marine Plus Blanket. 130mm x 70 kg/m³ applied in three layers on stiffened side of bulkhead. First layer 50mm thick fitted vertically between stiffeners. Second & third layers 40mm fitted horizontally over stiffeners with joints staggered by half a blanket width.

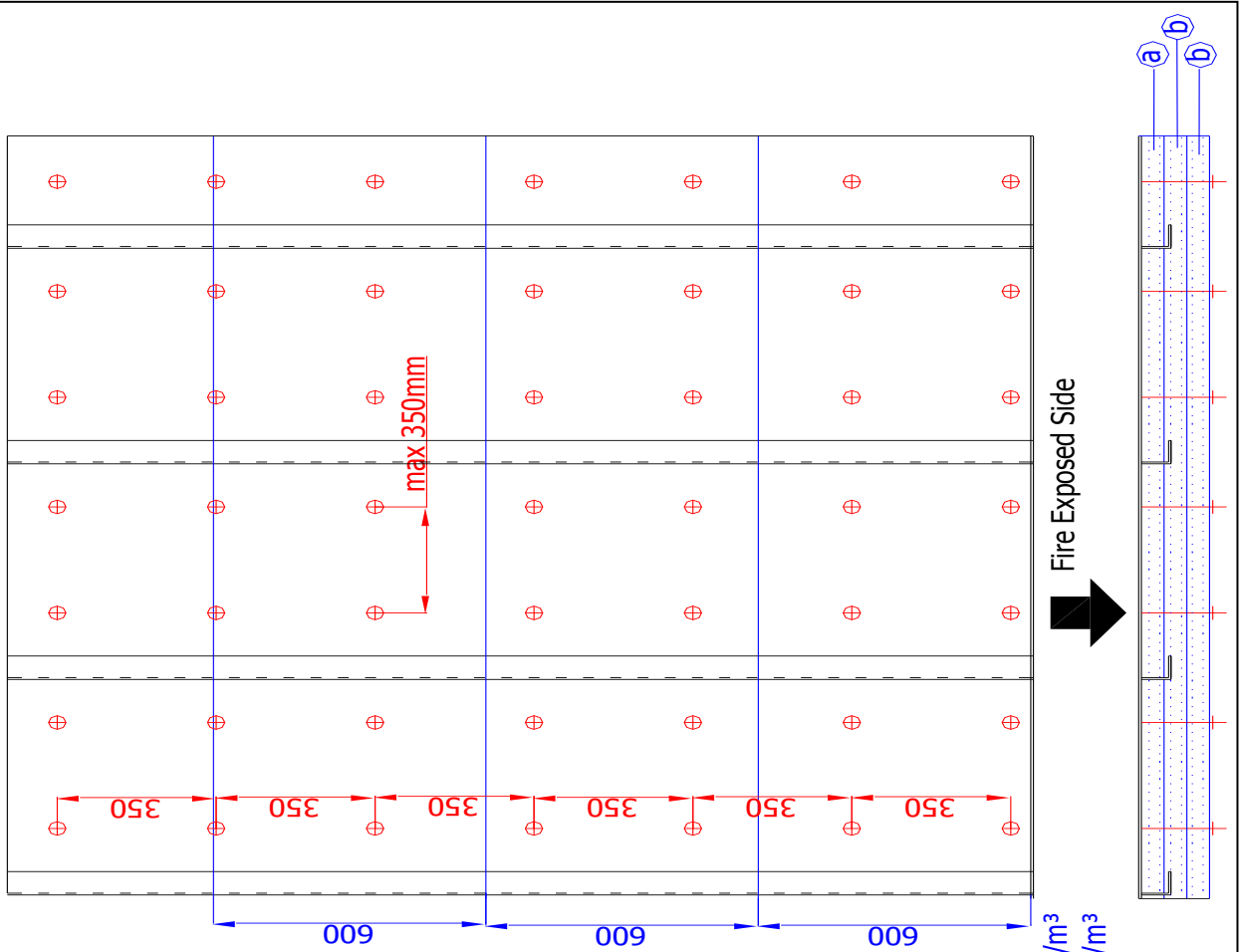
Blanket supplied in widths of 610mm and installed in 600mm widths to form slight compressed butted joints.

Note: Blanket joint locations may be placed at any point inbetween the anchor pins - the drawing shows examples of possible locations.

Anchor details

Copper Coated Mild Steel CD welded anchors 3mm diameter minimum 140mm long with 38mm diameter friction fit mild steel washers

- a - FireMaster Marine Plus Blanket 50mm x 70 kg/m³
- b - FireMaster Marine Plus Blanket 40mm x 70 kg/m³





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Arrangement of system on corrugated panels

Note use on corrugated panels is subject to class society project-specific approval

Typical Layout for illustration

