

Reference	FM 4.94 Rev 3
Release Date	October 2013



Fire Protection Systems Information

H120 Steel Bulkhead

Fire towards Either Side

Flat Layer System

Accompanies Method Statement FM-MS 01 PW

Product	FireMaster Marine Plus Blanket
Application Requirements	150mm of 70 kg/m ³ Blanket applied in one layer between stiffeners and in two layers flat over stiffeners. Use on corrugate plate is subject to Class Society Approval for each installation
Anchoring	CD welded steel pins 3mm diameter 12 to 25mm longer than blanket thickness. Friction fit retaining washers.
Weight	10.5 kg/m ² (as applied to flat area)
System Drawing Reference	FM CAD 13-4.94 FM CAD 12-4.94 (for application on corrugated plate)
System Features	Flat system. Simple and minimal anchoring requirements. No chicken mesh required.
Certification	DNV

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FMCAD 13-4.94 Rev 0

H120 Steel Bulkhead

Fire Either Side

Insulation Details

FireMaster Marine Plus Blanket. 150mm x 70 kg/m³ applied in three layers on stiffened side of bulkhead. First layer 50mm thick fitted vertically between stiffeners. Second & third layers 50mm 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.

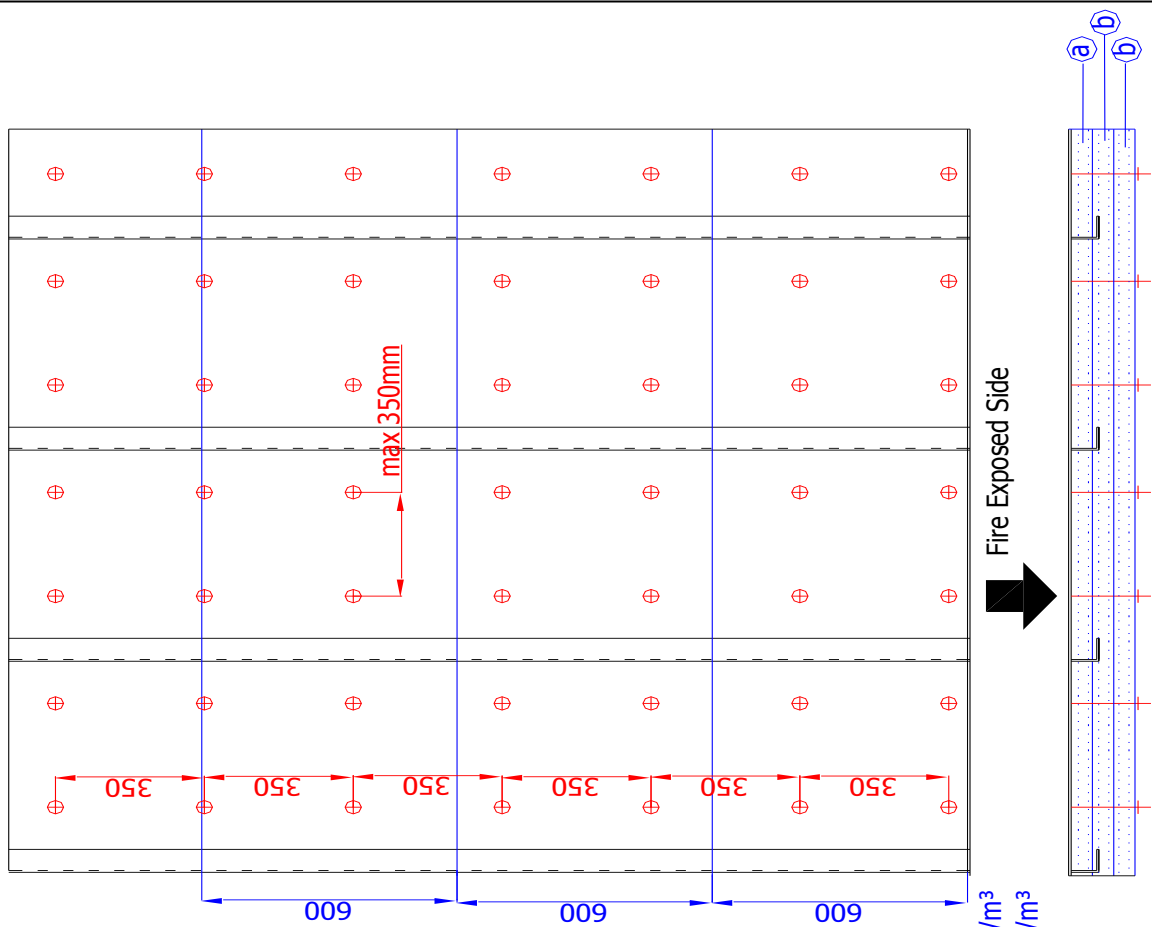
Note: Blanket joint locations may be placed at any point inbetween the anchor pins - the drawing shows examples of possible locations.

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 50mm x 70 kg/m³



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FM CAD 12 4.94-1
 H120 Bulkhead - Use on Corrugated Plate Bulkheads
 Minimum plate thickness 4.5mm
 FireMaster Marine Plus Blanket 150mm x 70 kg/m³ applied in 3 layers horizontally as shown.

