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| Reference | FM 4.107 Rev 2 |
| Date of Issue | January 2014 |



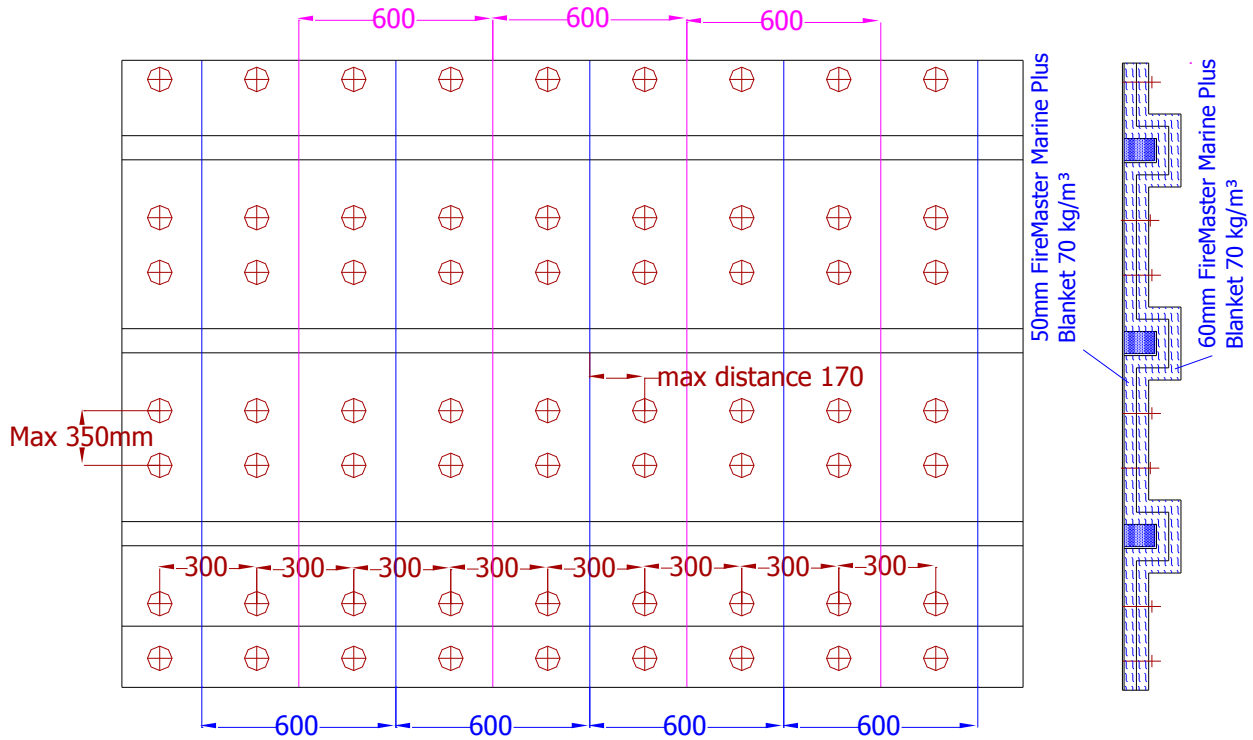
Fire Protection Systems Information

H120 Steel Deck

Accompanies Method Statement FM-MS 01 PW

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| Product | FireMaster Marine Plus Blanket |
| Application Requirements | 110mm x 70kg/m ³ FireMaster Marine Plus Blanket applied in 2 layers on deck plate and over stiffeners: <ul style="list-style-type: none"> • 1 x 60mm layer • 1 x 50mm layer (Stiffeners packed with blanket) |
| Anchoring | CD welded steel pins 3mm diameter 12 to 25mm longer than blanket thickness. Friction fit retaining washers. |
| Weight | 7.7 kg/m ² on flat area of deck and stiffeners |
| System Drawing Reference | FM CAD14-4.107 |
| 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 – 0.29 W/m² • Rw Value better than 49dB |
| Certification | DNV |

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**Drawing FM CAD14 4.107
H120 Steel Deck**

Insulation Details

"FireMaster Marine Plus" Blanket

110mm x 70 kg/m³ applied in 1 x 50mm layer and 1 x 60mm layer on stiffened side of deck between and over the stiffeners.

Blanket supplied in widths of 610mm but installed with compressed butted joints to an approximate width of 600mm.

The joints between blankets in each layer are arranged so that they do not coincide at the same location and are therefore offset by up to approximately half a blanket width

Stiffeners to be packed with blanket

Anchor details

Copper Coated Mild Steel CD welded anchors 3mm diameter minimum 110mm long with 38mm diameter friction fit mild steel washers

Blanket at anchor locations can be compressed by 10% of original thickness to 100mm thickness.