

Reference	FM 4.90 Rev 2
Release Date	January 2014



Fire Protection Systems Information

H60 Steel Deck

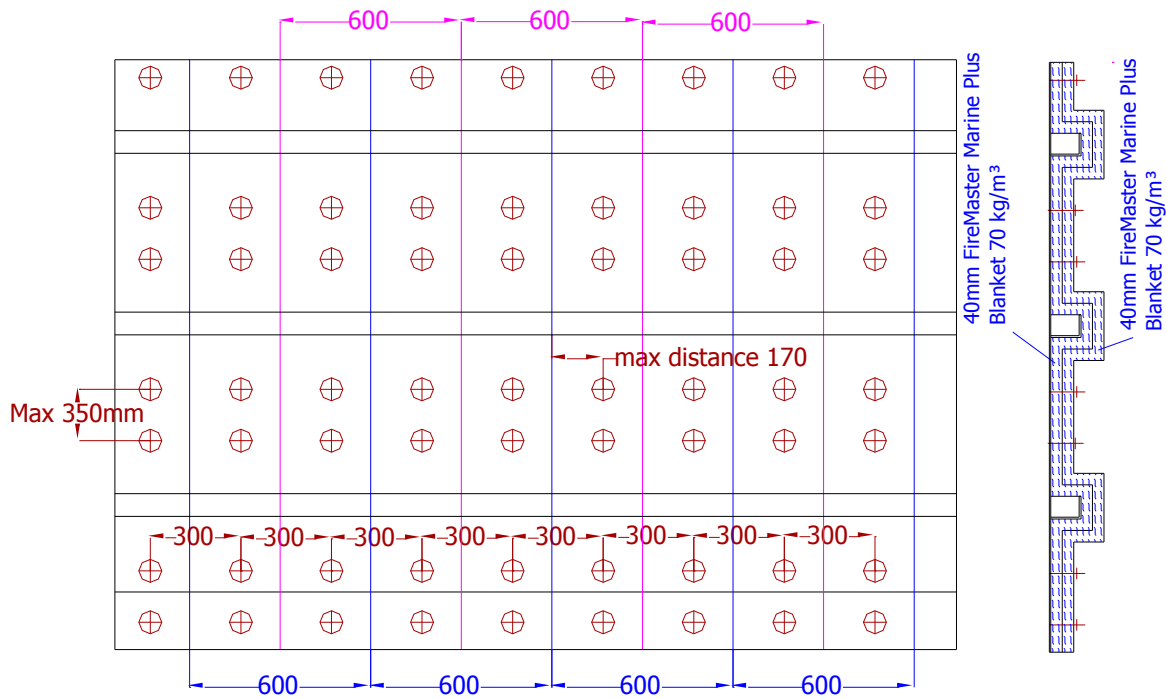
Fire towards Insulated Side

Profile Wrap System

Accompanies Method Statement FM-MS 01 PW

Product	FireMaster Marine Plus Blanket
Application Requirements	80mm of 70 kg/m ³ Blanket applied in two 40mm thick layers applied over deck plate and stiffeners.
Anchoring	CD welded steel pins 3mm diameter 12 to 25mm longer than blanket thickness. Friction fit retaining washers.
Weight	5.6 kg/m ² (applied to flat area)
System Drawing Reference	FM CAD 14-4.90
System Features	No packing of stiffener web No anchors required on stiffeners
Certification	DNV

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**Drawing FM CAD14 4.90
H60 Steel Deck**

Insulation Details

"FireMaster Marine Plus" Blanket

80mm x 70 kg/m³ applied in 2 x 40mm layers 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

Anchor details

Copper Coated Mild Steel CD welded anchors 3mm diameter minimum 90mm long with 38mm diameter friction fit mild steel washers

Blanket at anchor locations can be compressed by 10% of original thickness to 80mm thickness.