

Reference	FM 4.81 Rev 4
Release Date	March 2017



Fire Protection Systems Information

A60 Steel Bulkhead

Fire towards EITHER side

Flat layer System

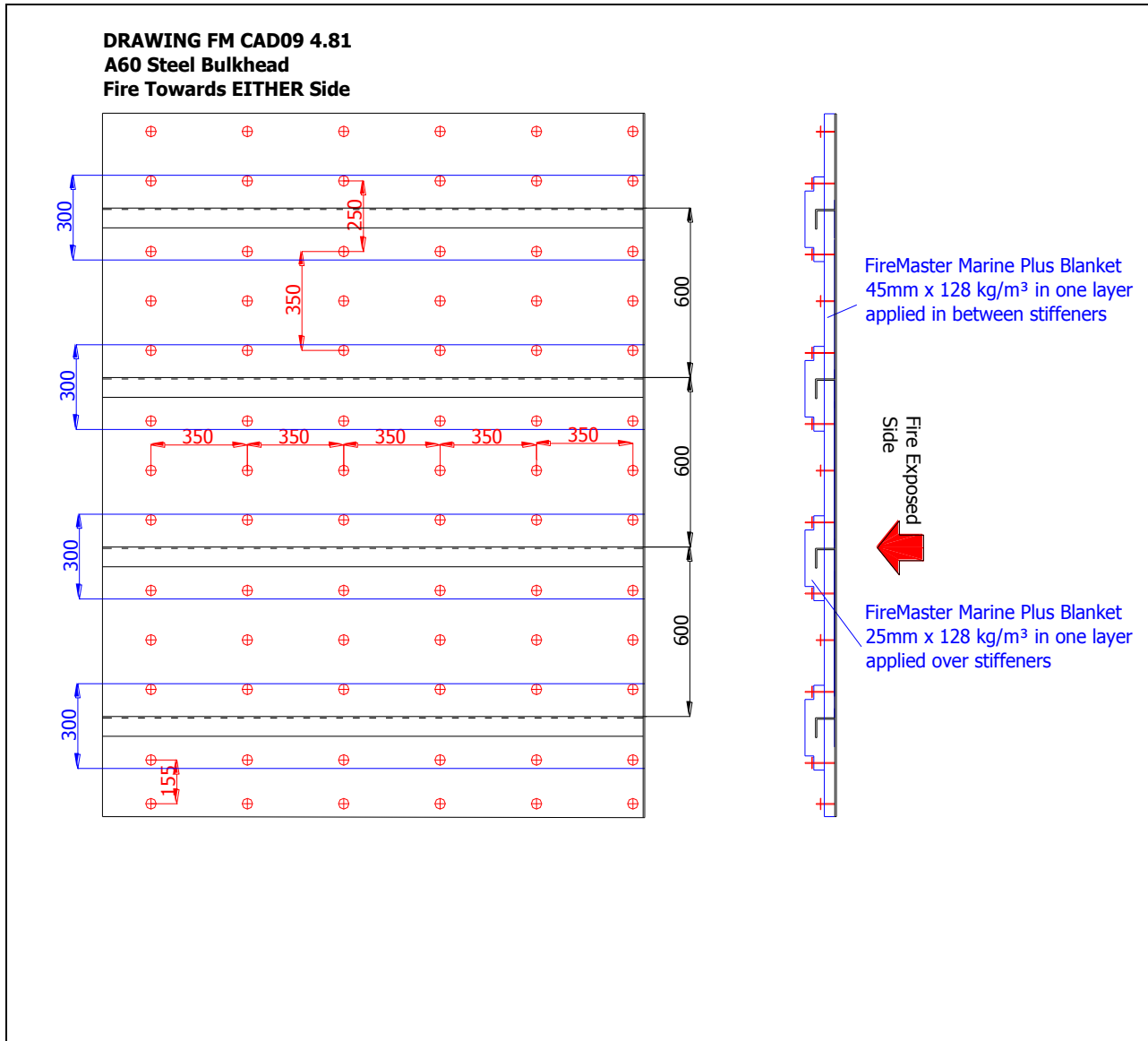
Accompanies Method Statement FM-MS 01 PW

Product	FireMaster Marine Plus Blanket
Application Requirements	45mm x 128 kg/m ³ applied in one single layer between stiffeners with stiffeners insulated with one layer of 25mm x 128 kg/m ³ <u>Or</u> 45mm x 128 kg/m ³ applied in one single layer between and over the stiffeners in a “profile wrap” layout (refer to FM CAD 16 4.81b for details) *Thickness may be increased to 68mm (30+38mm) if required for thermal insulation purposes
Anchoring	CD welded steel pins 3mm diameter 12 to 25mm longer than blanket thickness. Friction fit retaining washers.
Weight	5.76 kg/m ² in between stiffeners 0.96 kg per linear metre of stiffener (equivalent to 1.59 kg/m ² if spaced 600mm)
System Drawing Reference	FM CAD09-4.81 – separate insulation over stiffeners FM CAD16 4.81b – for profile wrap alternative
System Features	Single layer application Thin layer installation on bulkhead plate and over stiffeners No anchors required on stiffeners No chicken mesh required
Certification	EU Marine Equipment Directive DNV US Coastguard (MRA+) Transport Canada



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Drawing FM CAD 16 4.81b rev 0 A60 Steel Bulkhead Fire Either Side

45mm x 128 kg/m³ applied in one single layer on stiffened side of bulkhead plate. Stiffeners to be packed with blanket. Note: Blanket joint locations shown on this drawing are typical examples of where joints may occur in the lining. Joints may be placed anywhere and not exactly as shown in the drawing below.

