



NIPPON KAIJI KYOKAI

Certificate

Certificate No.
TA14147E(N)

OF

APPROVAL

Item : A-60 class bulkhead
Product name : A-60 Steel Bulkhead (SeaRox SL 620)
A-60 Steel Bulkhead restricted (SeaRox SL 620)
Specification : See Annex.
Limitation : See Annex.
Applicant : Rockwool International A/S
Hovedgaden 584, DK-2640 Hedehusene, Denmark
Manufacturer : See Annex.
Testing standard : 2010 FTP Code (IMO Resolution MSC 307(88))
Annex1 / Part 3
Test report : See Annex.

THIS IS TO CERTIFY that the above type of products has been approved by Nippon Kaiji Kyokai with type approval No. 14FPA11DA, and that the products of the above type will be accepted for use onboard ships classed with the Society as complying with the relevant requirements of the Society's *Rules for the Survey and Construction of Steel Ships* and those of the *International Convention for the Safety of Life at Sea, 1974, as amended*, subject to conditional upon the manufacturer having a quality control system audited by a competent authority to ensure continuous compliance with the type approval conditions.

This certificate is valid until 16 February 2019.
Issued at Tokyo on 17 February 2014.

NIPPON KAIJI KYOKAI

T. Imamura

General Manager

Material and Equipment Department



Initial approval date : 17 February 2014

NOTE: The design, construction and way of installation subject to attachments. Any significant changes to the product without our approval will result in this certificate becoming null and void.

Annex to the Certificate No. TA14147E(N)



1. Manufacturer

Rockwool A/S
Hovedgaden 501, 2640 Hedehusene, Denmark

Rockwool B.V.
Industrieweg 15 NL-6045 JG Roermond, The Netherlands

ROCKWOOL MALAYSIA SDN BHD
175 A & B, Kawasan Perindustrian Air Keroh,
Jalan Lingkungan Usaha, 75450 Melaka, Malaysia

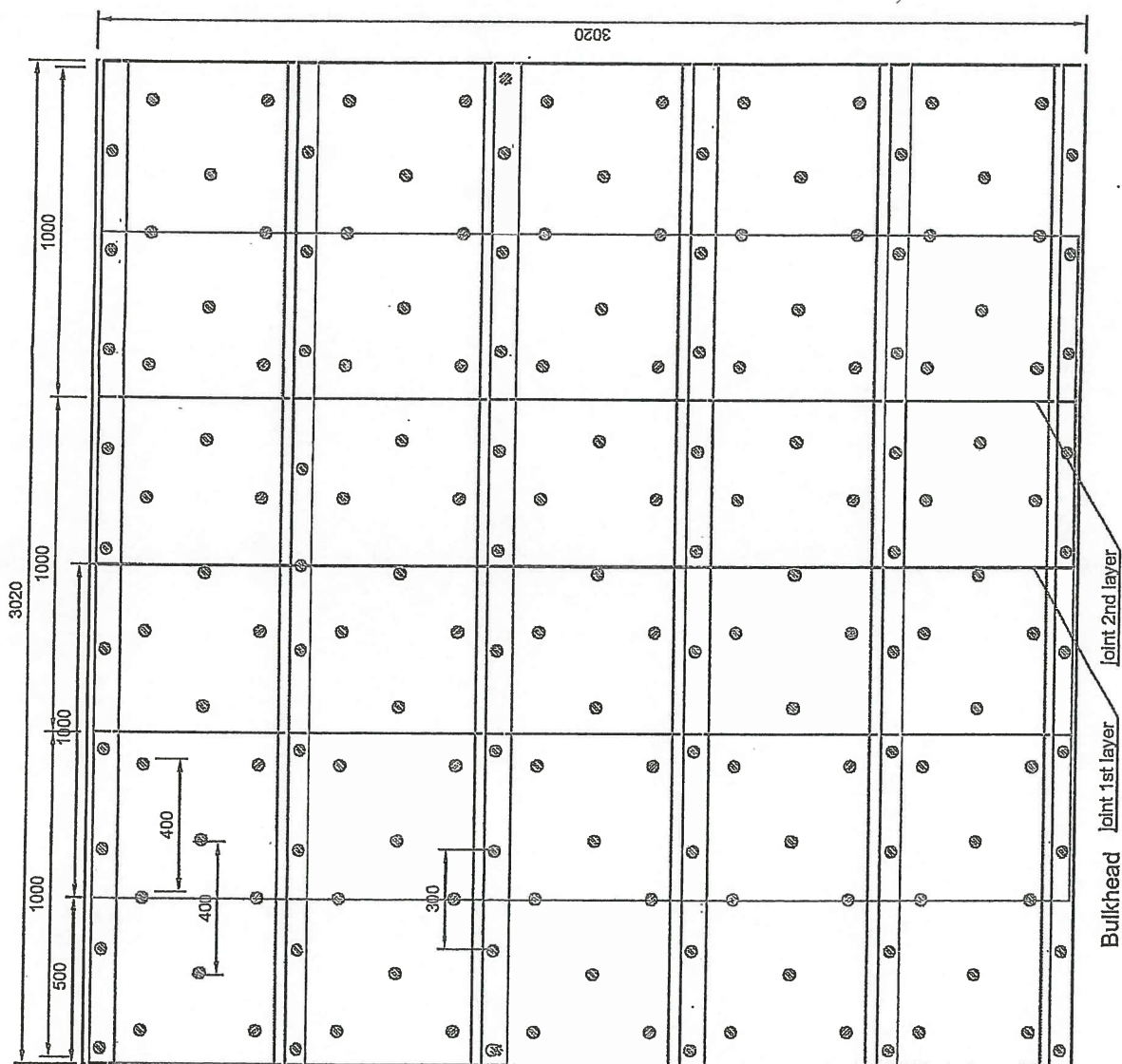
Roxul Rockwool Insulation India Pvt. Ltd.
Plot Z/4, Dahej SEZ, Dahej, District Bharuch
392 130, Gujarat – India

2. Test report

Test laboratory : Registro Italiano Navale (RINA)
Via Corsica 12, Genoa, Italy
Report number : 2013CS01840/4 (A-60 Steel Bulkhead)
2013CS01840/2 (A-60 Steel Bulkhead restricted)
Issued date : 15 April 2013 (2013CS01804/4)
5 April 2013 (2013CS01840/2)

3. Limitation (A-60 Steel Bulkhead restricted (SeaRox SL 620))

Application is restricted to such cases where fire hazard can be identified as being from the insulated side only. The insulated side of the bulkhead is to be faced to the space where fire hazard is identified.

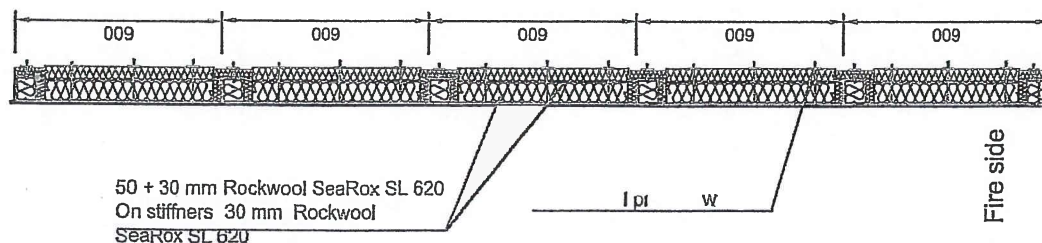


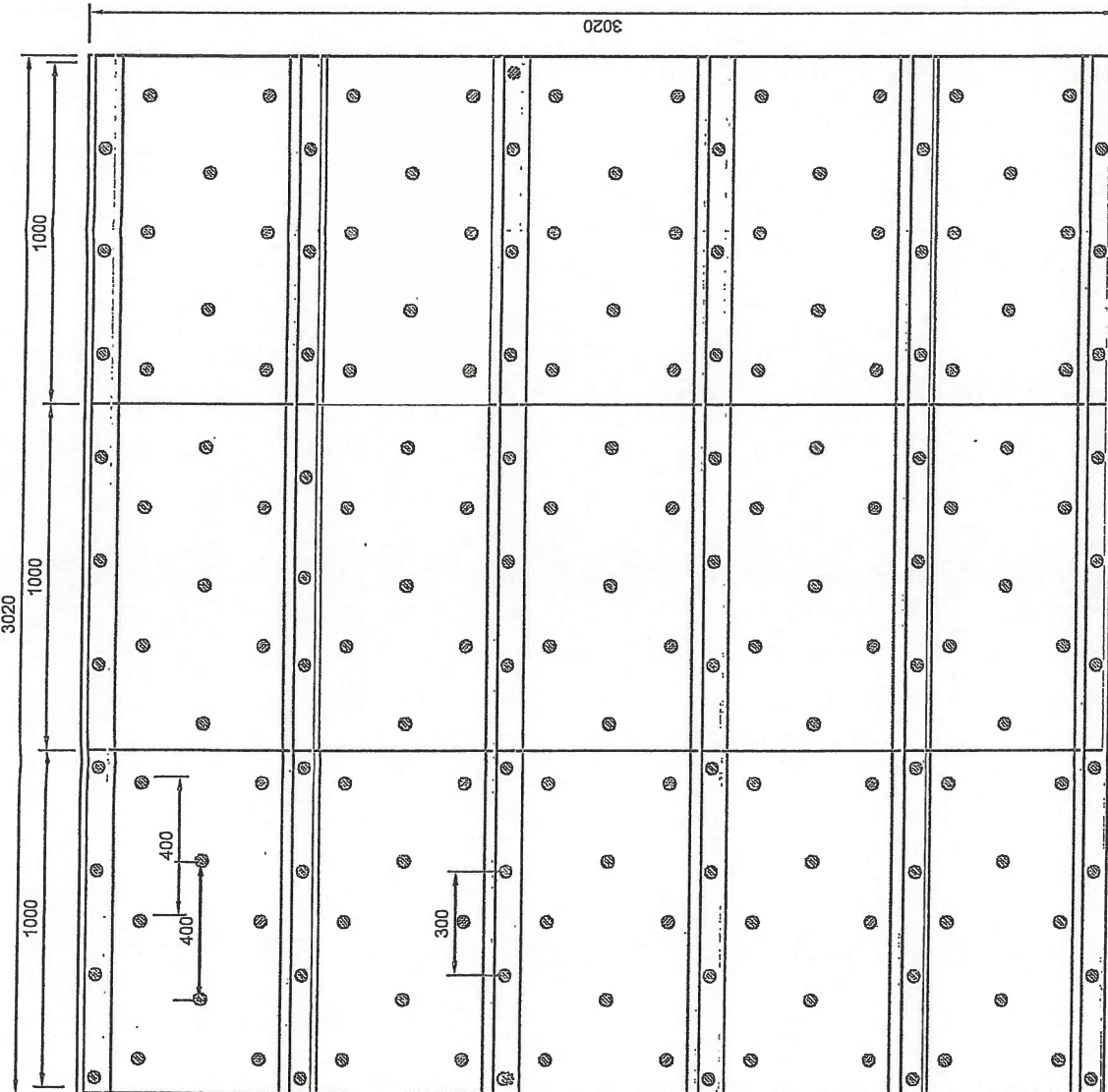
All measurements in mm

ROCKWOOL®
FIRE SAFE INSULATION

Subject: A60 SeaRox SL 620 Date: 2013/04/09

Dwg No.: 17 Scale: 1:20 Rev.: Designer: KMP



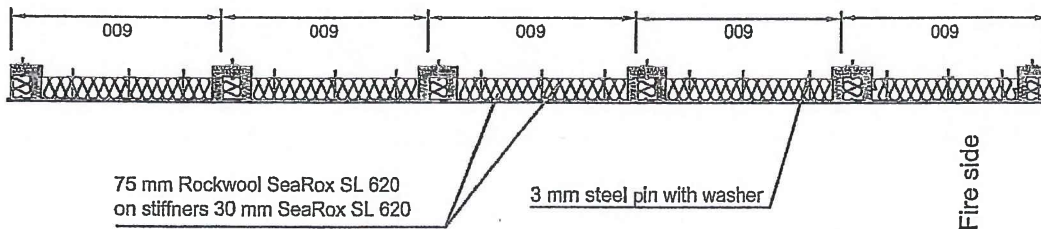


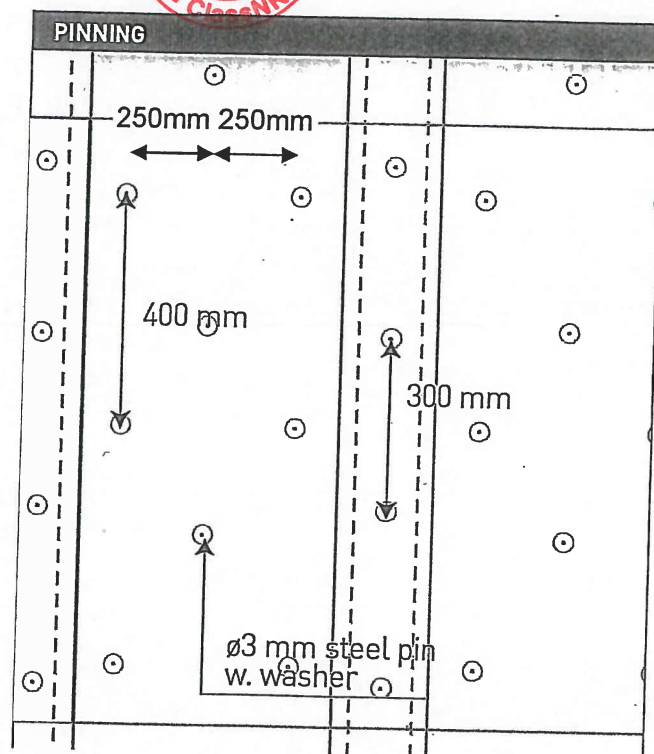
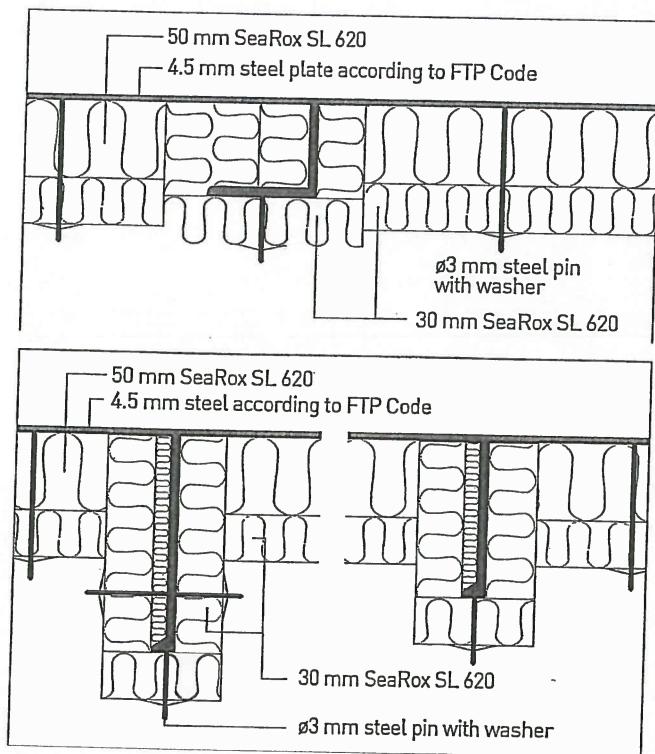
All measurements in mm

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FIRE SAFE INSULATION

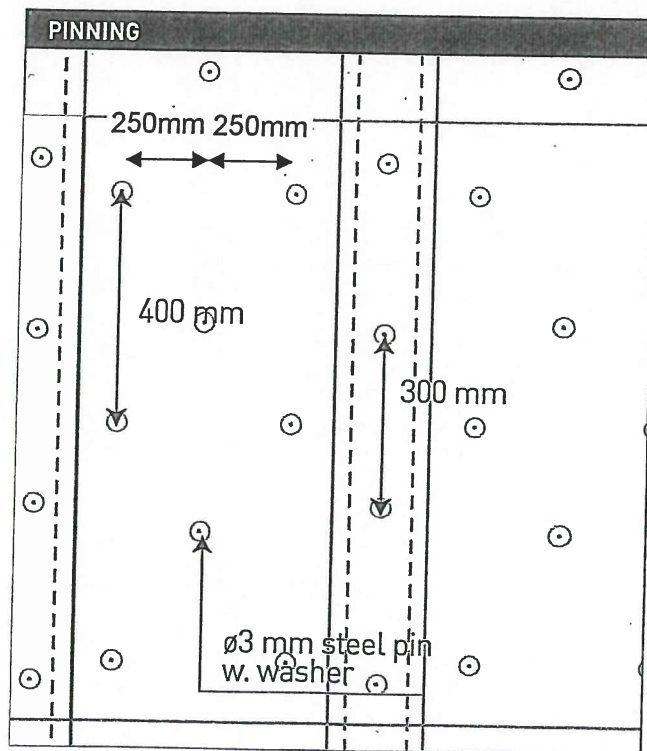
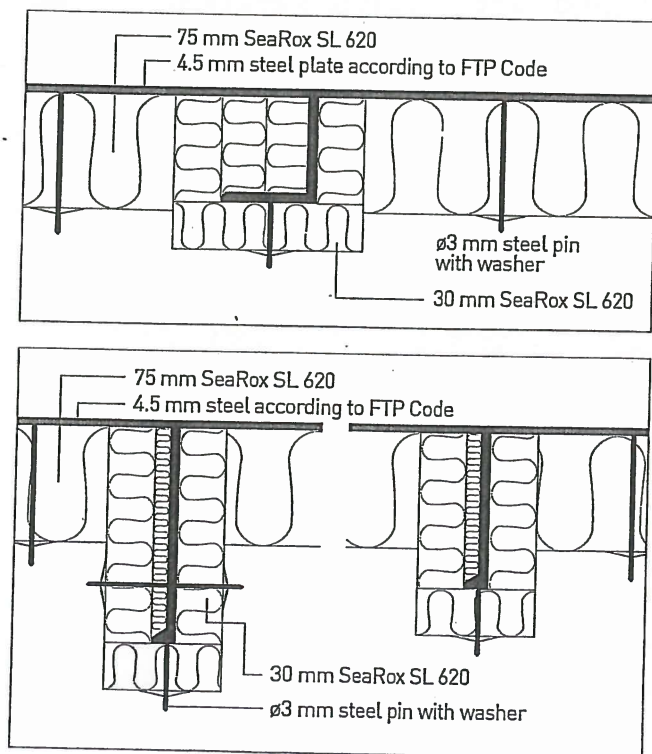
Subject: A60 SeaRox SL 620 Date: 2013/04/05

Dwg No.: 15 Scale: 1:20 Rev.: Designer: KMP

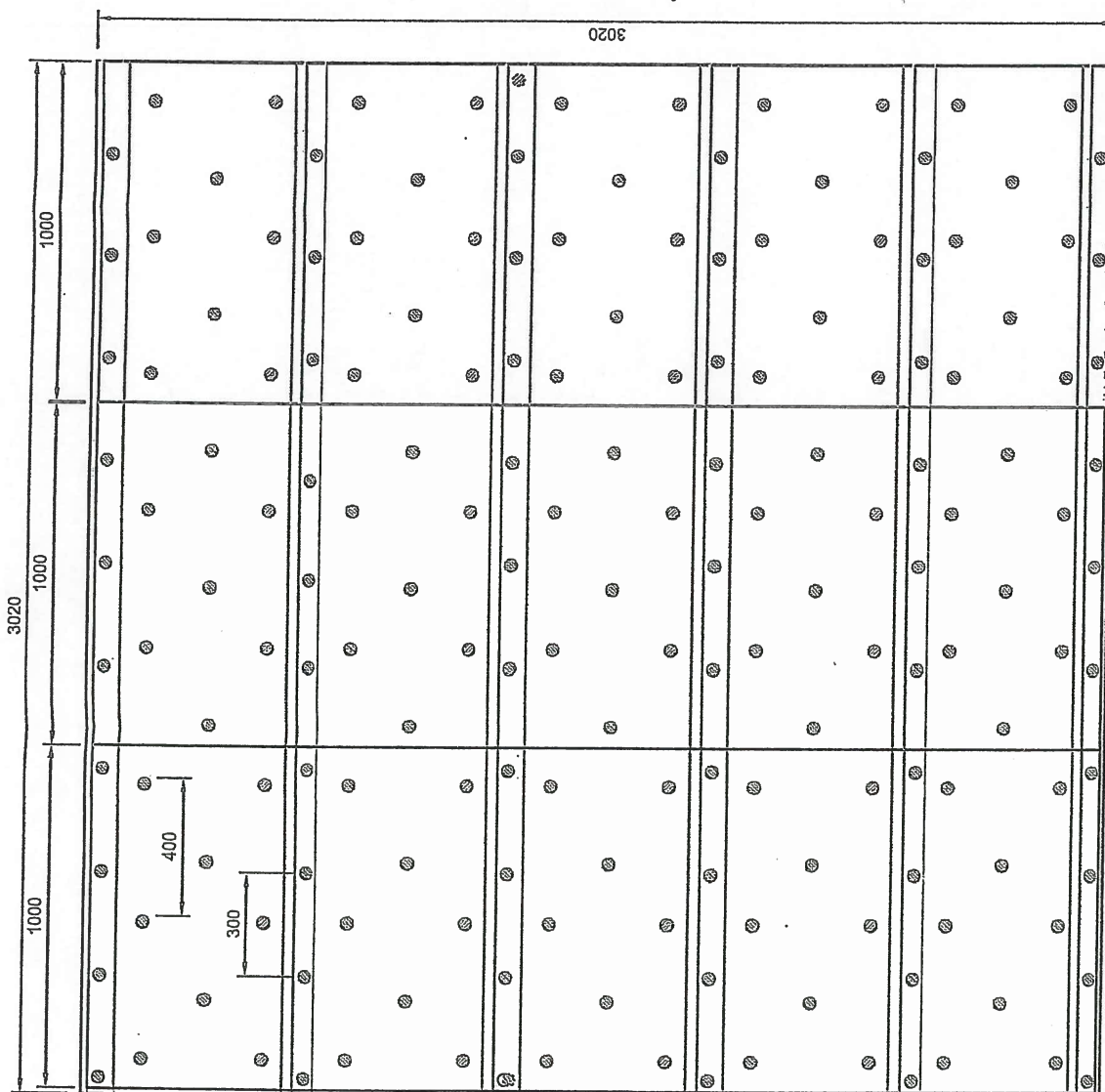




washer diameter: $\phi 30\text{mm}$ or $\phi 38\text{mm}$



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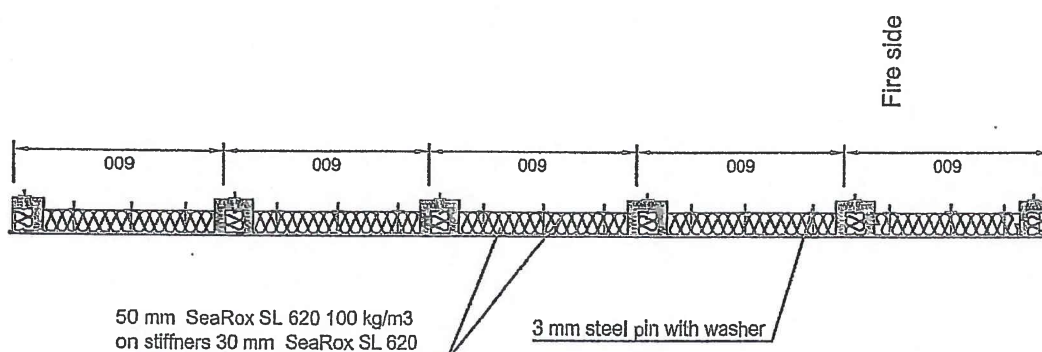
All measurements in mm

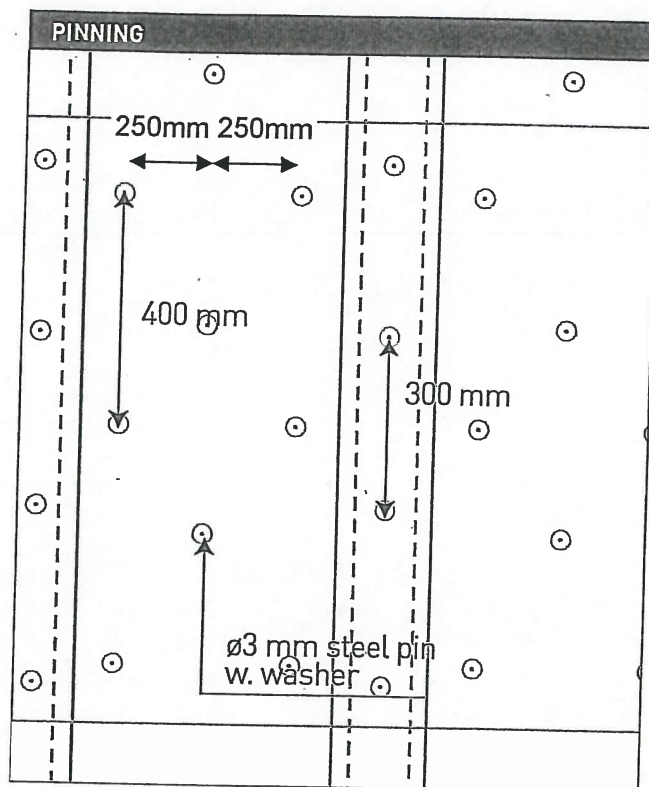
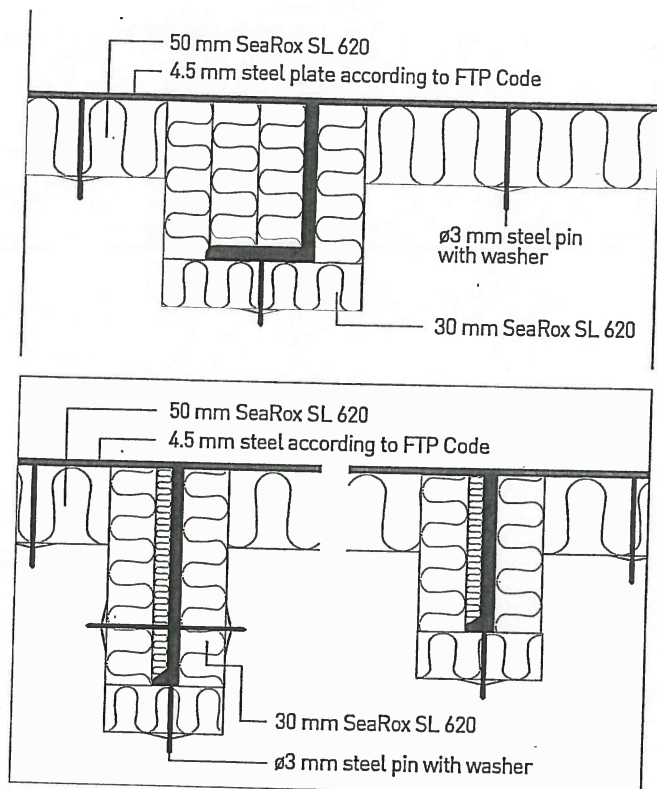
Restricted Bulkhead

Subject: Bulk A60 SeaRox 620 Date: 2013 03 25

Dwg No.: 2013 14 Scale: 1:20 Rev: Designer: KMP

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washer diameter: $\phi 30\text{mm}$ or $\phi 38\text{mm}$