

## STANDARD

MED B-000005U

## A-15 Steel Bulkhead



	Product	Thickness	Density	Weight
<b>Plate</b>	SeaRox SL 620	50 mm	100 kg/m <sup>3</sup>	5.0 kg/m <sup>2</sup>
<b>Stiffener</b>	No insulation			

## Construction notes:

- Steel plate between stiffeners insulated with one layer min. 50 mm SeaRox SL 620.
- No insulation around stiffeners.
- Ø 3 mm pins fixed with max. 300 mm distance.
- Insulation secured with Ø 30-38 mm spring washers.

## Application notes:

- All connections must be tight.
- The pins should exceed the insulation by approx. 10 mm.
- Insulation can be placed on either side of the steel plate.
- Alternative pin design acc. to certificates.

## Optional surface (on request):

- Reinforced aluminium foil
- Glass cloth

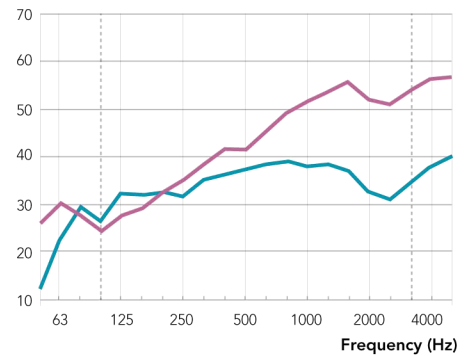
## Advantages:

- Ensures highest fire safety on board
- Secures excellent noise reduction and better comfort
- Cuts labour time and reduces the total cost of installation
- Lowest water absorption - optimal insulation performance
- Thin solution to maximize available space

## Sound reduction:

f	R
Frequency	1/3 Octave
Hz	dB
50	25.9
63	30.2
80	27.6
100	24.4
125	27.6
160	29.1
200	32.6
250	35.1
315	38.4
400	41.6
500	41.4
630	45.1
800	49.1
1000	51.4
1250	53.6
1600	55.7
2000	51.9
2500	50.9
3150	53.7
4000	56.3
5000	56.7

## Sound Insulation, R (dB)



■ Test set-up: Plate: SeaRox SL 620, 50 mm

■ Steel Bulkhead 1500 / 1880 / 6 mm  
Bulb profiles, 1820 / 140 / 10 mm  
(without insulation)

$$R_w(C;C_{tr}) = 46 (-2; -7) \text{ dB}$$

## Sound absorption:

Weighted sound absorption: SeaRox SL 620, 50 mm,  $\alpha_w = 0.85$

## Construction details

