

## H-120 corrugated Steel Bulkhead restricted (non load bearing)

	Product	Thickness	Density	Weight
<b>Plate</b>	SeaRox SL 660 SeaRox WM 660	50 mm + 40 mm	150 kg/m <sup>3</sup>	13.5 kg/m <sup>2</sup>

### Construction notes:

- Corrugated steel plate insulated with 50 mm SeaRox SL 660 and 40 mm SeaRox WM 660.
- Corrugated steel plate of min. 1.5 mm.
- Ø 3 mm pins fixed with approx. 300 mm distance.
- Pins fixed on top of corrugated steel plate by washers of Ø 38 mm.
- No fill of corrugation.




### Application notes:

- Restricted application (fire against insulated side).
- All connections must be tight.
- Joints must be staggered, 150 mm overlap is recommended.
- The pins should exceed the insulation by approx. 10 mm.
- Wire mesh twisted together of joints.
- Same solution as H-60.

### Optional surface (on request):

- Reinforced aluminium foil

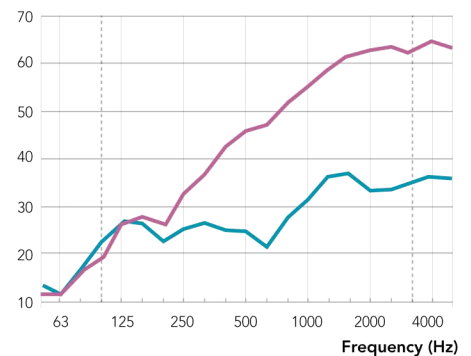
### Advantages:

-  Ensures highest fire safety on board
-  Secures excellent noise reduction and better comfort
-  Lowest water absorption - optimal insulation performance

### Sound reduction:

f	R
Frequency	1/3 Octave
Hz	dB
50	12.2
63	11.7
80	16.5
100	19.3
125	26.4
160	27.9
200	26.5
250	32.9
315	37.2
400	42.7
500	45.9
630	47.1
800	51.7
1000	55.0
1250	58.7
1600	61.3
2000	62.8
2500	63.3
3150	62.3
4000	64.7
5000	63.2

Sound Insulation, R (dB)



■ Test set-up: Plate: SeaRox SL 660, 50 mm  
+ SeaRox WM 660, 40 mm

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

$$R_w(C;C_{tr}) = 44 (-2; -8) \text{ dB}$$

### Construction details

