

H-120 Steel Bulkhead restricted

	Product	Thickness	Density	Weight
Plate	SeaRox SL 660	30+40 mm	150 kg/m ³	10.5 kg/m ²
Stiffener	SeaRox WM 660	2 x 40 mm	150 kg/m ³	12.0 kg/m ²

Construction notes:

- Stiffeners insulated with 2 x 40 mm SeaRox WM 660. Second layer in the same process as insulation of the plate.
- Plate insulated with one layer of 30 mm SeaRox SL 660 and one layer of 40 mm SeaRox WM 660.
- Ø 3 mm pins fixed with approx. 300 mm distance.
- Insulation secured by washers of Ø 38 mm.

Application notes:

- Restricted application (fire against insulated side).
- All connections must be tight.
- Gap under the stiffener must be filled out completely.
- Joints between layers must be staggered, 150 mm overlap is recommended.
- The pins should exceed the insulation by approx. 10 mm.
- Wire mesh must be twisted together at joints.

Optional surface (on request):

- Reinforced aluminium foil

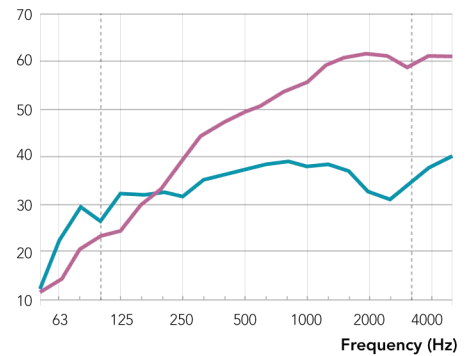
Advantages:

- 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	11.1
63	14.5
80	20.9
100	23.3
125	24.7
160	30.3
200	33.4
250	39.7
315	44.9
400	47.7
500	49.3
630	51.7
800	54.2
1000	55.9
1250	59.7
1600	61.1
2000	61.9
2500	61.1
3150	59.2
4000	61.6
5000	61.3

Sound Insulation, R (dB)



■ Test set-up: Plate: SeaRox SL 660, 30 + 40 mm
Stiffener: SeaRox WM 660, 2 x 40 mm

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

$$R_w(C;C_{tr}) = 49 (-3; -10) \text{ dB}$$

Construction details

