

H-60 Steel Deck

	Product	Thickness	Density	Weight
Plate	SeaRox SL 660	50+50 mm	150 kg/m ³	15.0 kg/m ²
Stiffener	SeaRox SL 660	50+50 mm	150 kg/m ³	15.0 kg/m ²

Construction notes:

- Stiffeners insulated with 2x50 mm SeaRox SL 660.
- Plate insulated with two layers of 50 mm SeaRox SL 660.
- Ø 3 mm pins fixed with approx. 100/400 mm distance.




Application notes:

- All connections must be tight.
- Gap under the stiffener must be filled out completely.
- The pins should exceed the insulation by approx. 10 mm.
- Joints to be staggered, 150 mm overlap is recommended.

Optional surface (on request):

- Reinforced aluminium foil

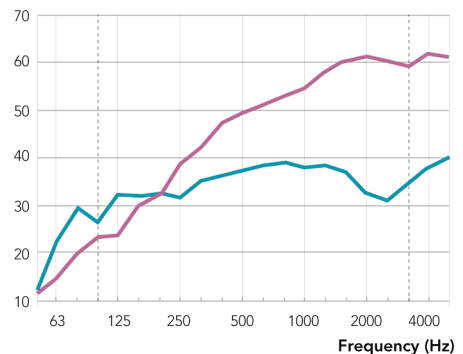
Advantages:

-  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	12.1
63	15.2
80	20.2
100	23.6
125	23.6
160	23.7
200	32.7
250	38.8
315	42.4
400	47.7
500	49.7
630	51.4
800	53.4
1000	54.9
1250	58.7
1600	60.2
2000	61.2
2500	60.4
3150	59.3
4000	61.9
5000	61.6

Sound Insulation, R (dB)



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

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

$$R_w(C; C_{tr}) = 48 (-3; -9) \text{ dB}$$

Construction details

