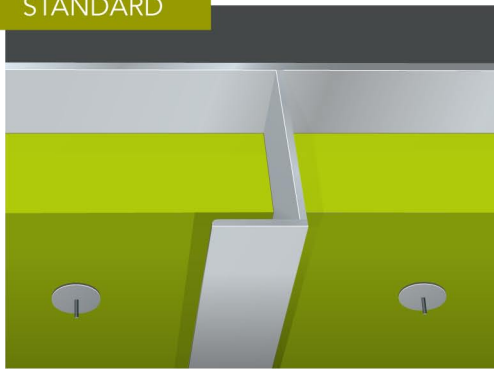


STANDARD

MED B-000005X

A-15 Steel Deck



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

Construction notes:

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

Application notes:

- All connections must be tight.
- The pins should exceed the insulation by approx. 10 mm.
- Alternative pin design acc. to certificates.

Optional surface (on request):

- Reinforced aluminium foil
- Glass cloth

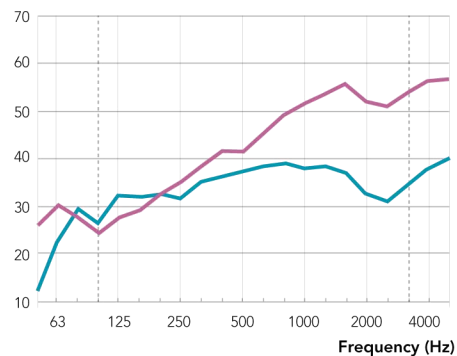
Advantages:

- 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

