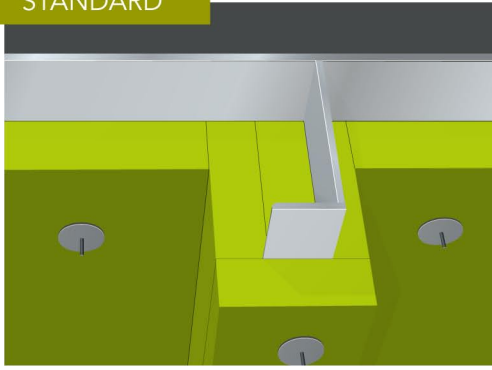


STANDARD

MED B-00002HA

A-30 Steel Deck



	Product	Thickness	Density	Weight
Plate	SeaRox SL 620	25 mm	100 kg/m ³	2.5 kg/m ²
Stiffener	SeaRox SL 620	25 mm	100 kg/m ³	2.5 kg/m ²

Construction notes:

- Stiffeners insulated with min. 25 mm SeaRox SL 620.
- Plate between stiffeners insulated with min. 25 mm SeaRox SL 620.
- 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.
- Alternative pin and stiffener design acc. to certificates.

Optional surface (on request):

- Reinforced aluminium foil
- Glass cloth

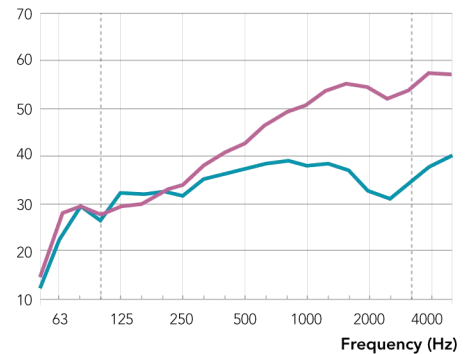
Advantages:

-  Ensures highest fire safety on board
-  Secures excellent noise reduction and better comfort
-  Lowest water absorption - optimal insulation performance
-  Thin solution to maximize available space

Sound reduction:

f	R
Frequency	1/3 Octave
Hz	dB
50	14.3
63	27.8
80	29.9
100	27.4
125	29.8
160	30.1
200	32.4
250	34.1
315	38.2
400	40.8
500	42.6
630	46.7
800	49.3
1000	50.9
1250	54.0
1600	55.2
2000	54.7
2500	52.3
3150	53.8
4000	57.7
5000	57.2

Sound Insulation, R (dB)



■ Test set-up: Plate: SeaRox SL 620, 25 mm
Stiffener: SeaRox SL 620, 25 mm

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

$$R_w(C;C_{tr}) = 47 (-2; -7) \text{ dB}$$

Sound absorption:

Weighted sound absorption: SeaRox SL 620, 30 mm, $\alpha_w = 0.60$

Construction details

