STANDARD

MED B-00002B6

A-60 Aluminium Bulkhead

	Product	Thickness	Density	Weight
Plate	SeaRox SL 620	2 x 30 mm*	100 kg/m^3	6.0 kg/m^2
Stiffener	SeaRox SL 620	2 x 30 mm	100 kg/m^3	6.0 kg/m^2

** insulation of both sides of aluminium plate*

Construction notes:

- Stiffeners insulated with two layers of min. 30 mm SeaRox SL 620.
- Plate between stiffeners insulated with two layers of 30 mm SeaRox SL 620. Insulation on both sides of the aluminium plate.
- Stiffeners 9 mm alu.
- Ø 3 mm aluminium-tipped stainless steel pins fixed with approx. 300 mm distance.
- Insulation secured with stainless steel washers of Ø 38 mm.

Application notes:

- All the connections must be tight.
- Gap under the stiffener must be filled out completely.
- Joints must be staggered, 150 mm overlap is recommended.

Optional surface (on request):

- Reinforced aluminium foil
- Glass cloth

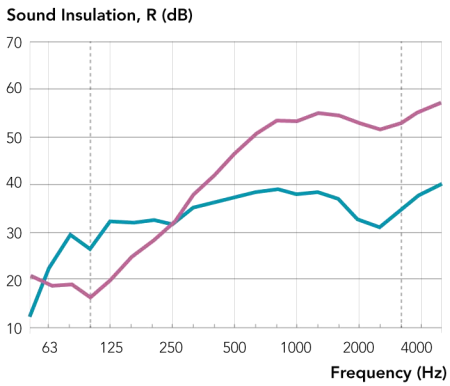
Advantages:

Secures excellent noise reduction and better comfort

Lowest water absorption - optimal insulation performance

Sound reduction:

f Frequency	R 1/3 Octave
Hz	dB
50	13.2
63	16.8
80	18.0
100	18.1
125	16.8
160	20.1
200	23.2
250	29.5
315	35.1
400	40.7
500	45.6
630	49.3
800	52.6
1000	55.8
1250	58.0
1600	59.6
2000	61.0
2500	58.9
3150	56.4
4000	59.1
5000	59.5



Test set-up: Plate: SeaRox SL 620, 2 x 30 mm Stiffener: SeaRox SL 620, 2 x 30 mm

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

$R_w(C;C_{tr})$ = 40 (-3; -8) dB

Sound absorption:

Weighted sound absorption: **SeaRox SL 620, 60 mm:**, α_w = 0.90

Construction details