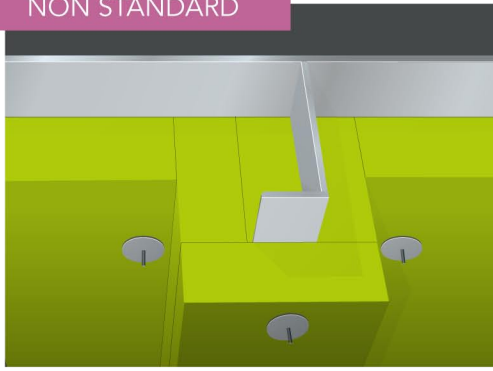


## NON STANDARD

MED B-00001SJ

## A-60 Steel Deck



	Product	Thickness	Density	Weight
<b>Plate</b>	SeaRox SL 640	40 mm	130 kg/m <sup>3</sup>	5.2 kg/m <sup>2</sup>
<b>Stiffener</b>	SeaRox SL 640	40 mm	130 kg/m <sup>3</sup>	5.2 kg/m <sup>2</sup>



## Construction notes:

- Plate between stiffeners insulated with one layer of 40 mm SeaRox SL 640.
- Stiffeners insulated with 40 mm SeaRox SL 640.
- Ø 3 mm pins fixed with approx. 300 mm distance.
- Insulation secured with washers of Ø 38 mm.

## 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.

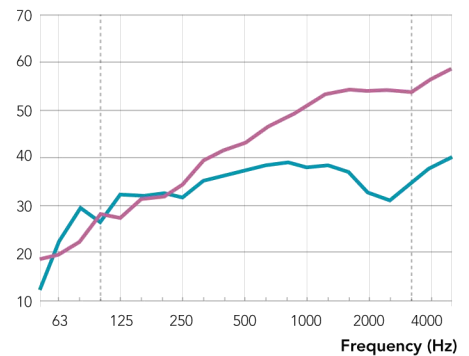
## Advantages:

-  Lowest water absorption - optimal insulation performance
-  Secures excellent noise reduction and better comfort

## Sound reduction:

f	R
Frequency	1/3 Octave
Hz	dB
50	18.7
63	19.7
80	22.5
100	28.1
125	27.5
160	31.8
200	32.1
250	35.2
315	39.8
400	41.9
500	43.0
630	46.4
800	48.4
1000	51.2
1250	53.7
1600	54.5
2000	54.4
2500	54.1
3150	53.7
4000	56.7
5000	59.3

Sound Insulation, R (dB)



■ Test set-up: Plate /Stiffener: SeaRox SL 640, 40 mm

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

$$R_w(C;C_{tr}) = 47 (-2; -6) \text{ dB}$$

## Sound absorption:

Weighted sound absorption: **SeaRox SL 640, 40 mm**,  $\alpha_w = 0.90$

## Construction details

