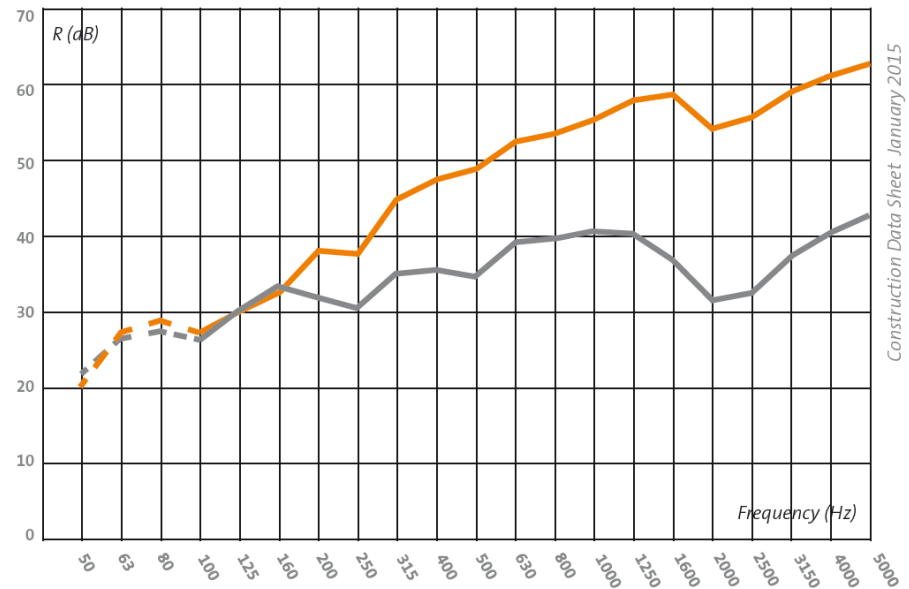


ULTIMATE – Sound reduction

Best Comfort Class – Steel - Standard Design ; Plate: 56-70mm+24-50mm - Stiffener: 76-25mm

Plate			Stiffener		Complete solution ¹⁾		
Product	Thickness mm	weight kg/m ²	Product	weight kg/m ²	weight kg/m ²	U-Value W/m ² -K	Sound Reduction Rw(C,C _v)
U SeaProtect Slab 56 70mm	120mm	5,12	U SeaProtect 76 25mm	1,90	6,45	0,425	51(-3,-8) dB
or							
U SeaProtect Slab 24 50mm or U SeaProtect Roll 24 50mm							

	Steel 6mm	Tested Configuration
Frequency (Hz)	R (dB)	R (dB)
50	22	20,3
63	26,6	27,6
80	27,7	29
100	26,4	27,4
125	30,4	30,3
160	33	32,7
200	32	38
250	30,6	37,6
315	35,2	44,9
400	35,7	47,5
500	34,6	48,9
630	39,4	52,6
800	39,7	53,5
1000	40,8	55,5
1250	40,6	58,1
1600	36,9	58,9
2000	31,7	54,3
2500	32,6	55,8
3150	37,6	59,2
4000	40,5	61,2
5000	42,7	62,8
R _w (C;C _v)	37(-2;-1)	51(-3;-8)
R _A	35	48
R _{A,T}	36	43



- Steel Plate: 6mm + Stiffeners X 2 L-shape :115mmX80mm 10mm thick
- Tested Configuration: Plate: U SeaProtect Slab 56 70mm + U SeaProtect Slab 24 50mm
Stiffeners: U SeaProtect Slab 76 25mm