



## SLP PANEL DA

2150, 1050, 700, 550, 225

Material

Acoustic sandwich panel

Available thickness

12 mm – 26 mm

Surface

Rough or painted

Available size

2480 x 1210 mm or 2480 x 600 mm (Other dimensions on request)

Connection

square edges, grooved and plywood keyway or with overlap 30/40/50 or 60 mm cut-out on all four edges

Our sandwich panels are made up of panels with ocoume multiplex through and through and a core of Poplar:

- DrumAcoustic 2150 / Heavy solid rubber (EPDM, PVC free) (2150 kg / m3)
- DrumAcoustic 1050 / Rubber (1050 kg / m3)
- DrumAcoustic 700 / Rubber (700 kg / m3)
- DrumAcoustic 550 / Light composed with cork / rubber (550 kg / m3)
- DrumAcoustic 225 / Ultra Light composed with cork layer (225 kg / m3).

These materials dampen the vibration before it is radiated as sound and transferred to other system components. Usually used in sandwich with plywood, but can also be glued with aluminum or steel.

The acoustic sandwich panels are often used for floors and partition walls.

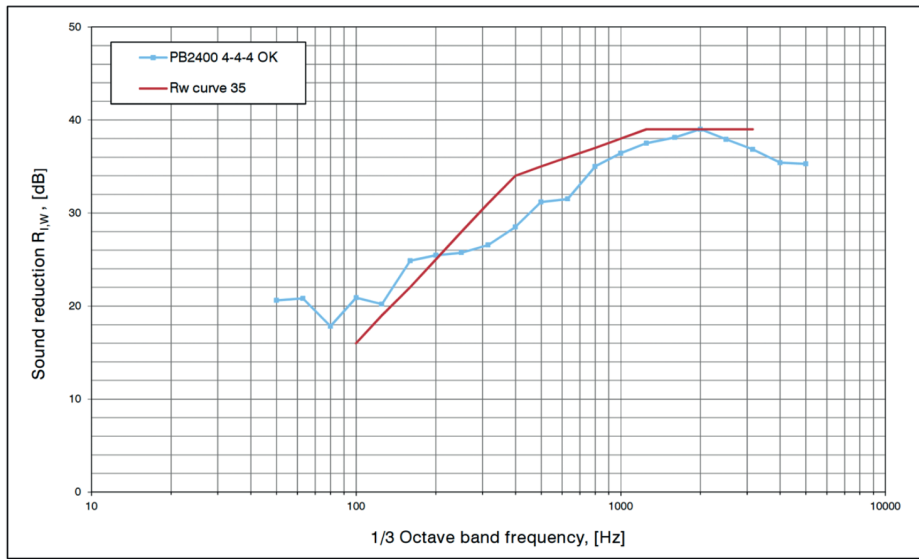
Noise reduction measurements are in accordance with ISO 717-1.

All panels are available with square edges, grooved (on 4 sides) or with an overlap of 30, 40, 50 or 60 mm on all sides.

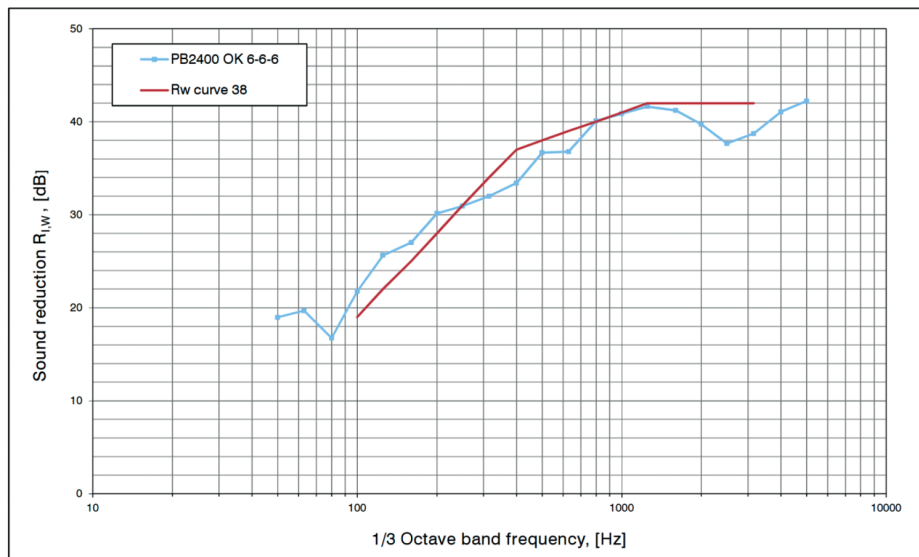




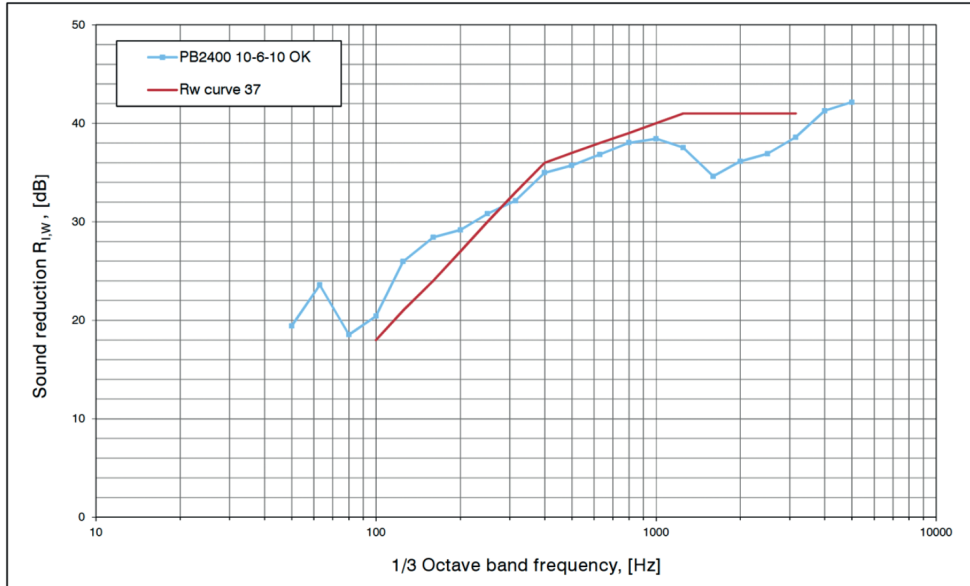
/ DrumAcoustic 2150						
Properties	Standard	Unit	Values			
Nominal Thickness	[]	mm	12	18	22	26
Composition	[]	mm	4-4-4	6-6-6	8-6-8	10-6-10
Surface weight	[]	Kg/m <sup>2</sup>	12.8	21.2	23.6	26.0
Okoume Plywood Bonding quality	EN 314-2	Class	3	3	3	3
Airborne sound Insulation	ISO 717-1	dB	35	38	38	37



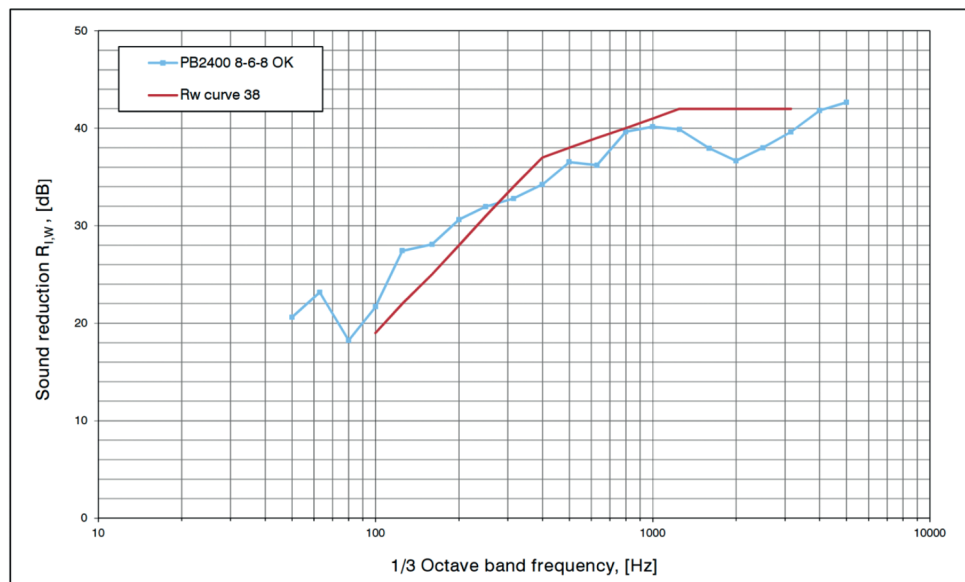
Frequency, f [Hz]	1/3 Octave Band																				
	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Reduction, [dB]	20.6	20.8	17.8	20.9	20.2	24.9	25.5	25.7	26.6	28.5	31.2	31.5	35.0	36.4	37.5	38.1	39.0	37.9	36.8	35.4	35.3



Frequency, f [Hz]	1/3 Octave Band																				
	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Reduction, [dB]	19.0	19.7	16.8	21.8	25.6	27.0	30.1	30.9	32.0	33.4	36.7	36.8	40.1	40.9	41.6	41.2	39.7	37.7	38.7	41.1	42.2



Frequency, f [Hz]	1/3 Octave Band	Reduction, [dB]
50	63	19.4
63	80	23.6
80	100	18.5
100	125	20.4
125	160	26.0
160	200	28.4
200	250	29.2
250	315	30.8
315	400	32.1
400	500	35.0
500	630	35.7
630	800	36.8
800	1000	38.0
1000	1250	38.4
1250	1600	37.5
1600	2000	34.6
2000	2500	36.1
2500	3150	36.9
3150	4000	38.6
4000	5000	41.3
5000		42.2

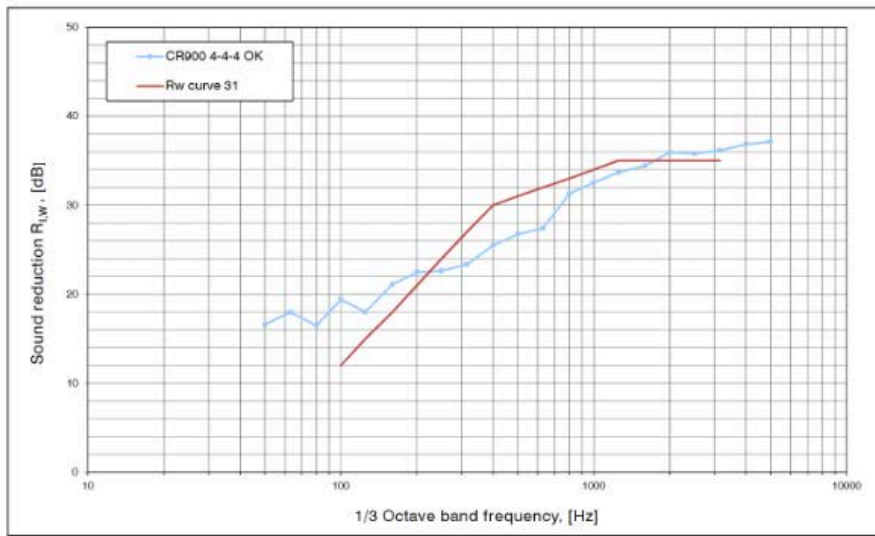


Frequency, f [Hz]	1/3 Octave Band	Reduction, [dB]
50	63	20.6
63	80	23.2
80	100	18.2
100	125	21.7
125	160	27.4
160	200	28.1
200	250	30.6
250	315	32.0
315	400	32.8
400	500	34.2
500	630	36.5
630	800	36.2
800	1000	39.6
1000	1250	40.2
1250	1600	39.9
1600	2000	37.9
2000	2500	36.7
2500	3150	38.0
3150	4000	39.6
4000	5000	41.8
5000		42.7

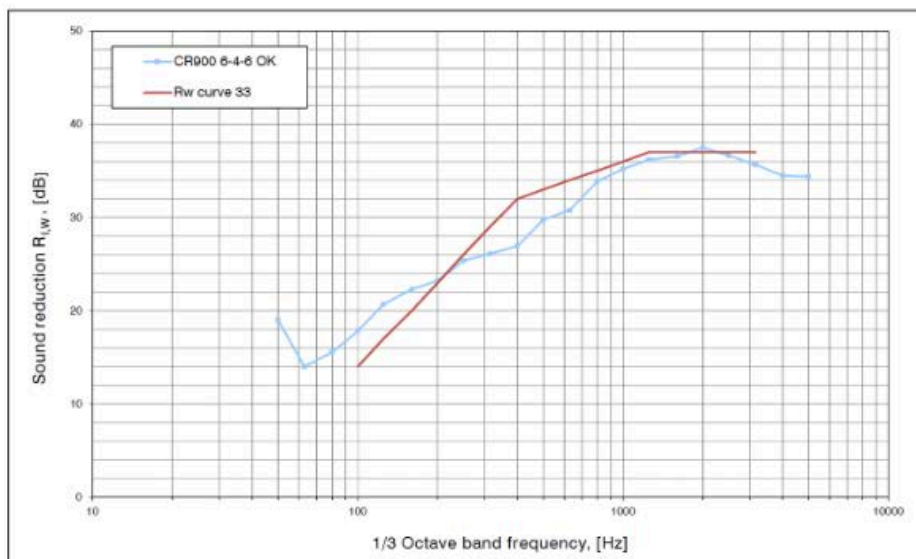


/ DrumAcoustic 1050						
Properties	Standard	Unit	Values			
Nominal Thickness	[]	mm	12	18	22	26
Composition	[]	mm	4-4-4	6-6-6	8-6-8	10-6-10
Surface weight	[]	Kg/m <sup>2</sup>	8.0	10.5	12.5	14,5
Okoume Plywood Bonding quality	EN 314-2	Class	3	3	3	3
Airborne sound Insulation	ISO 717-1	dB	31	34	34	34

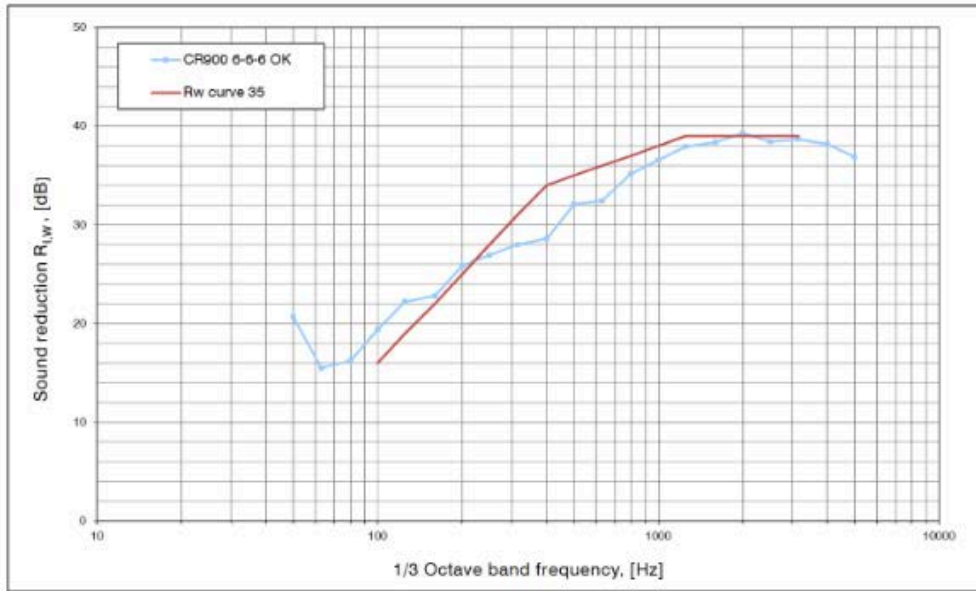
Test specimen area : 0.60 m<sup>2</sup>      Thickness : 12 mm  
Volume Receiver Room : ~26 m<sup>3</sup>      Weight : kg



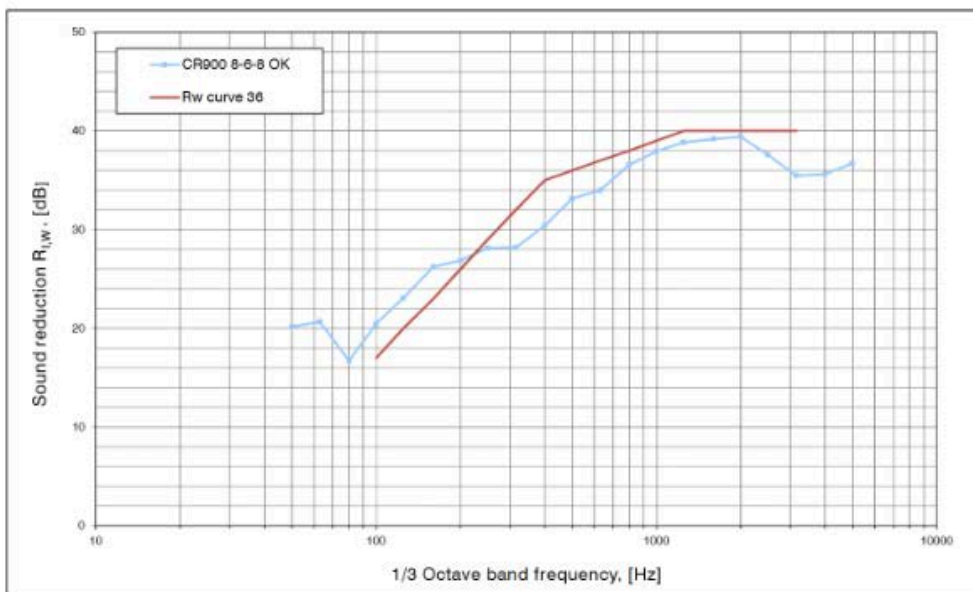
Frequency, f [Hz]	1/3 Octave Band																				
	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Reduction, [dB]	16.6	18.0	16.5	19.4	18.0	21.1	22.5	22.6	23.3	25.5	26.7	27.4	31.3	32.5	33.7	34.4	35.9	35.8	36.1	36.8	37.1



Frequency, f [Hz]	1/3 Octave Band																				
	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Reduction, [dB]	19.0	14.0	15.5	17.8	20.7	22.3	23.2	25.4	26.1	26.9	29.7	30.8	33.9	35.2	36.2	36.6	37.5	36.6	35.6	34.5	34.4



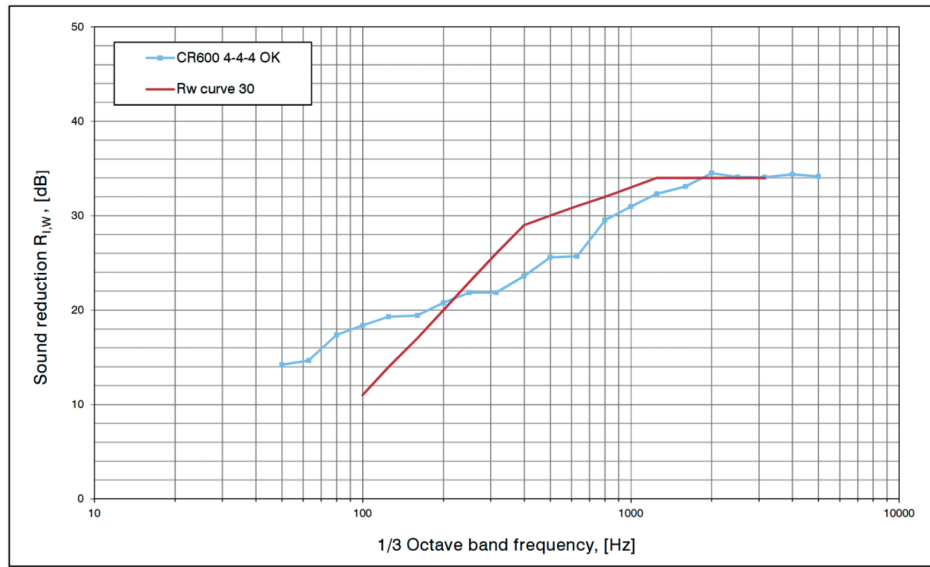
Frequency, f [Hz]	1/3 Octave Band																				
	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Reduction, [dB]	20.7	15.5	16.2	19.4	22.2	22.8	25.8	26.9	28.0	28.6	32.1	32.4	35.2	36.5	37.9	38.4	39.3	38.4	38.7	38.2	36.9



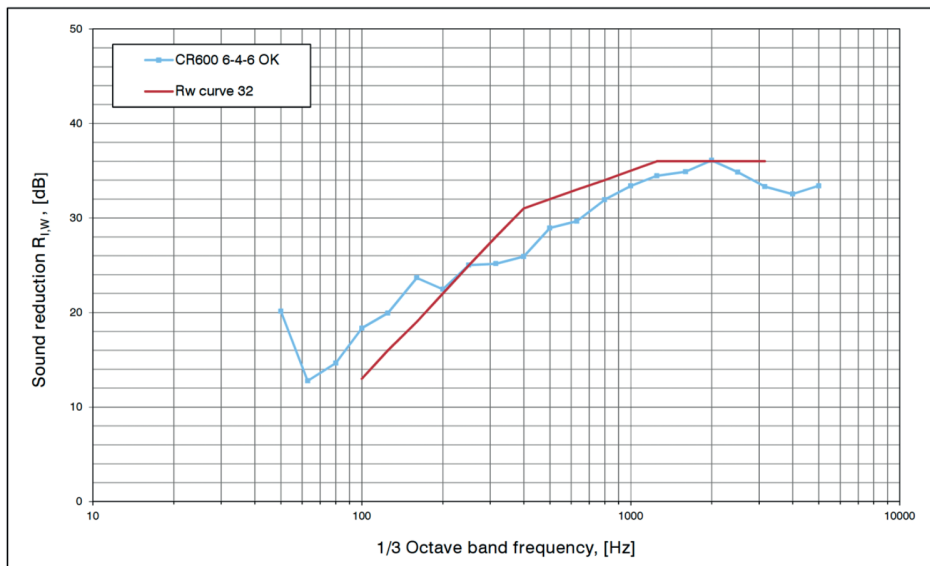
Frequency, f [Hz]	1/3 Octave Band																				
	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Reduction, [dB]	20.2	20.7	16.7	20.5	23.1	26.2	26.9	28.2	28.2	30.4	33.1	34.0	36.6	37.9	38.8	39.2	39.4	37.6	35.5	35.6	36.7



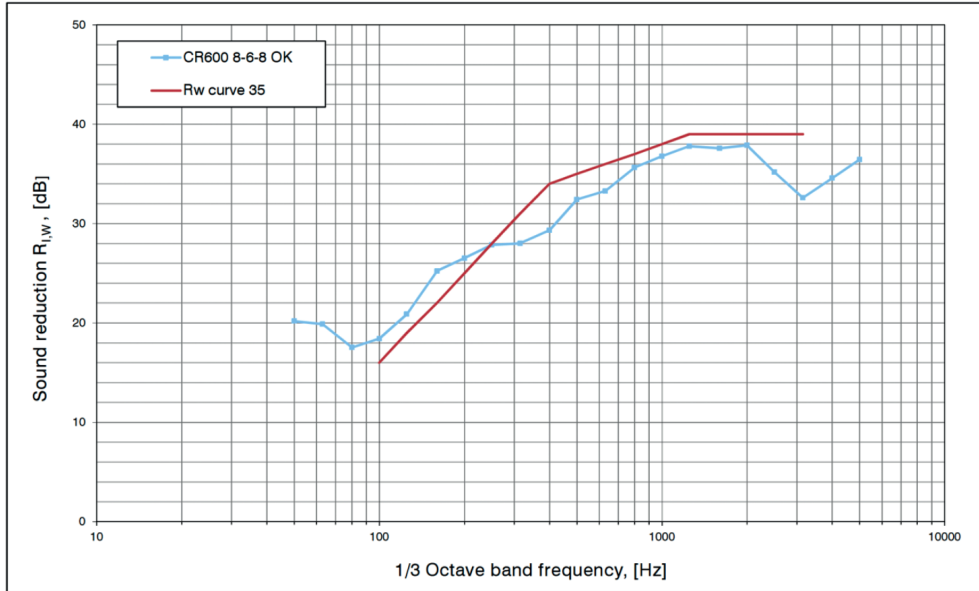
/ DrumAcoustic 550						
Properties	Standard	Unit	Values			
Nominal Thickness	[]	mm	12	18	22	26
Composition	[]	mm	4-4-4	6-6-6	8-6-8	10-6-10
Surface weight	[]	Kg/m <sup>2</sup>	7.0	10.5	12.9	15,5
Okoume Plywood Bonding quality	EN 314-2	Class	3	3	3	3
Airborne sound Insulation	ISO 717-1	dB	30	34	35	35



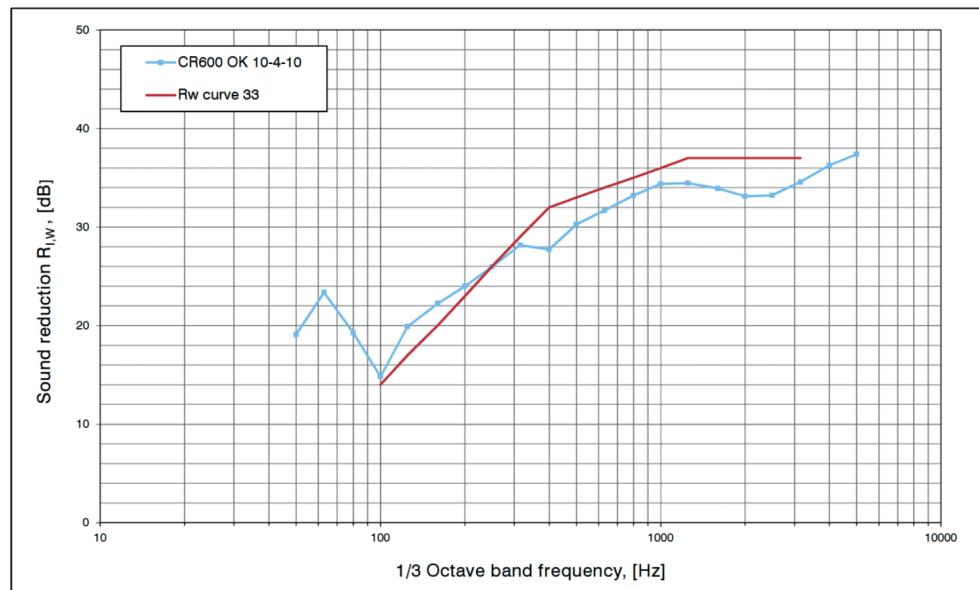
Frequency, f [Hz]	1/3 Octave Band																				
	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Reduction, [dB]	14,2	14,7	17,4	18,4	19,3	19,4	20,8	21,9	21,9	23,6	25,6	25,7	29,5	31,0	32,3	33,1	34,5	34,1	34,1	34,4	34,2



Frequency, f [Hz]	1/3 Octave Band																				
	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Reduction, [dB]	20,2	12,8	14,7	18,3	19,9	23,7	22,5	25,0	25,2	25,9	28,9	29,7	31,9	33,4	34,5	34,9	36,1	34,9	33,3	32,5	33,4



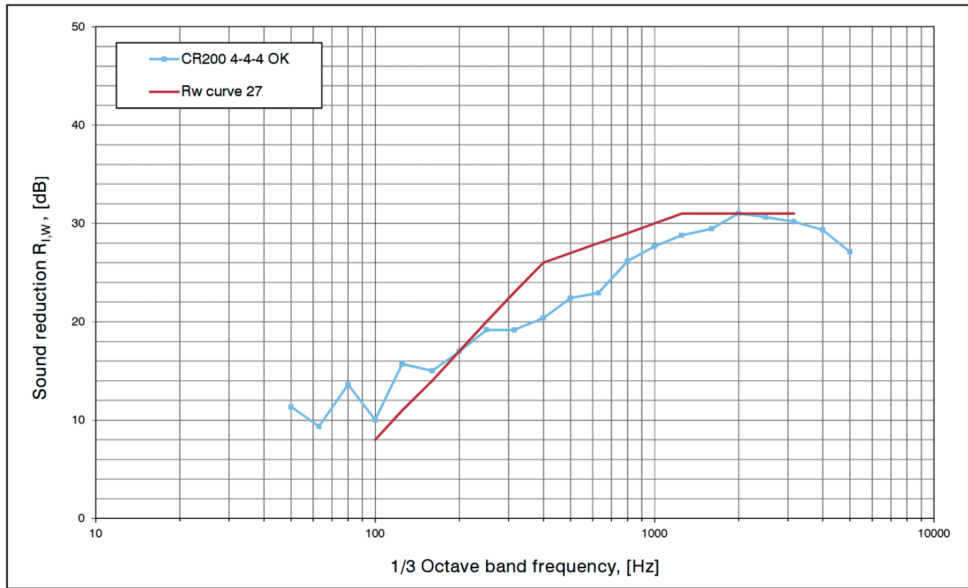
Frequency, f [Hz]	1/3 Octave Band																				
50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	
20.2	19.9	17.5	18.4	20.9	25.2	26.5	27.9	28.0	29.3	32.4	33.3	35.6	36.8	37.8	37.6	37.9	35.2	32.6	34.6	36.4	
Reduction, [dB]																					



Frequency, f [Hz]	1/3 Octave Band																				
50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	
19.1	23.4	19.3	14.8	19.9	22.3	24.0	26.0	28.2	27.7	30.3	31.7	33.2	34.4	34.5	33.9	33.1	33.2	34.6	36.3	37.4	
Reduction, [dB]																					



/ DrumAcoustic 225						
Properties	Standard	Unit	Values			
Nominal Thickness	[]	mm	12	18	22	26
Composition	[]	mm	4-4-4	6-6-6	8-6-8	10-6-10
Surface weight	[]	Kg/m2	5.5	8.0	10.0	12.0
Okoume Plywood Bonding quality	EN 314-2	Class	3	3	3	3
Airborne sound Insulation	ISO 717-1	dB	27	27	28	28



Frequency, f [Hz]	1/3 Octave Band																				
	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Reduction, [dB]	11.4	9.4	13.6	10.0	15.7	15.0	17.0	19.2	19.2	20.4	22.4	22.9	26.2	27.7	28.8	29.5	31.0	30.7	30.2	29.3	27.1

## GALLERY

