

Test	Structure	Mineral wool	Cladding			$R_w (C;C_{tr})$ (dB)				
1	JUUNOO 75 mm	50 mm	BaseClick			43	(-4;-10)*			
2			Fiberboard	+	BaseClick	52	(-3;-10)*			
3			Fiberboard	+	BaseClick	52	(-3;-10)*			
4			Fiberboard	+	Fiberboard	+	BaseClick	57	(-3;-10)*	
5			Gyproc A				43	(-3;-9)*		
6			Gyproc A	+	Gyproc A		49	(-2;-9)*		
7			OSB	+	Gyproc A		51	(-3;-10)*		
8			AcouClick				53	(-5;-12)*		
9			G. Soundblock	+	G. Soundblock		56	(-3;-8)		
10			BaseClick	+	Plywood		50	(-3;-9)		
11			OSB	+	G. Soundblock		55	(-3;-9)		
12			Gyproc A	+	Gyproc A	+	Gyproc A	60	(-3;-8)	
13			OSB	+	Gyproc A	+	Gyproc A	59	(-2;-7)	
14			G. Soundblock	+	G. Soundblock	+	G. Soundblock	61	(-3;-7)	
15	2 x JUUNOO 75 mm	75 mm	Fiberboard	+	BaseClick	+	58	(-4;-11)		
16			Fiberboard	+	Fiberboard	+	BaseClick	64	(-3;-11)	
17			Gyproc A	+	Gyproc A		66	(-4;-11)		
18			Gyproc A	+	Gyproc A	+	Gyproc A	73	(-4;-11)	
19			OSB	+	Gyproc A	+	Gyproc A	72	(-4;-11)	
20			G. Soundblock	+	G. Soundblock	+	G. Soundblock	75	(-4;-11)	
21			OSB	+	G. Soundblock	+	G. Soundblock	74	(-4;-11)	
22			2 x 75 mm	Fiberboard	+	Fiberboard	+	BaseClick	66	(-4;-11)
23				G. Soundblock	+	G. Soundblock	+	G. Soundblock	77	(-4;-11)
24				OSB	+	G. Soundblock	+	G. Soundblock	76	(-4;-11)

rockwool 33 kg/m³ 10mm BaseClick; 8mm Fiberboard; 12,5mm Gyproc A; 12mm OSB; 12,5mm Gyproc Soundblock; 12mm Plywood

*The values of these wall systems are based on measurements in a certified acoustic lab according to ISO 10140-2