

Speedpanel Acoustic Systems



51mm | SYSTEM SP51005

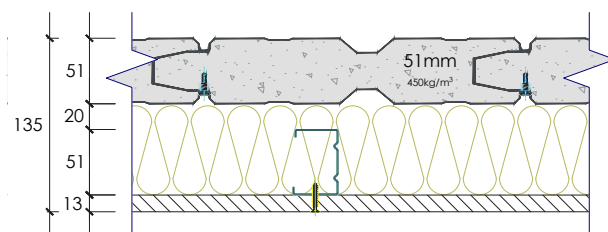
SYSTEM SP51005

Report No.	Fire rating level	Rw	C	CTR	Net acoustic rating	Thickness
RMIT 14-188/JW	-/60/60	54	-3	-10	Rw+Ctr 44	135mm

51

System Composition

- 51mm Speedpanel® 450kg/m³ density
- 20mm air gap
- 51mm steel stud
- 75mm x 24kg/m³ glasswool insulation
- 13mm standard plasterboard



FREQUENCY (Hz)	Rw 54 REF. CURVE (dB)	SOUND TRANSMISSION LOSS (dB)
80	-	24.9
100	35	26.3
125	38	31.1
160	41	36.6
200	44	44.0
250	47	44.5
315	50	48.4
400	53	49.2
500	54	51.5
630	55	55.6
800	56	59.2
1000	57	61.6
1250	58	61.7
1600	58	61.8
2000	58	62.7
2500	58	63.1
3150	58	62.4
4000	-	65.2
5000	-	67.9

