

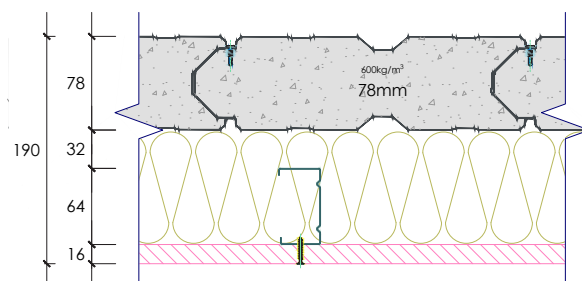
## SYSTEM SP78105

Report No.	Fire rating level	Rw	C	CTR	Net acoustic rating	Thickness
RMIT 121i/08-217/PD	-/120/120	62	-2	-5	Rw+Ctr 57	190mm

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### System Composition

- 78mm Speedpanel® 600kg/m<sup>3</sup> density
- 32mm gap
- 64mm steel stud
- 100mm x 20kg/m<sup>3</sup> polyester insulation
- 16mm fire-rated plasterboard



FREQUENCY (Hz)	Rw 62 REF. CURVE (dB)	SOUND TRANSMISSION LOSS (dB)
100	43	42.2
125	46	47.7
160	49	49.6
200	52	50.9
250	55	53.6
315	58	51.5
400	61	56.0
500	62	56.9
630	63	58.9
800	64	61.9
1000	65	65.2
1250	66	65.1
1600	66	63.7
2000	66	64.2
2500	66	66.5
3150	66	68.6
4000	-	71.1
5000	-	73.8

