

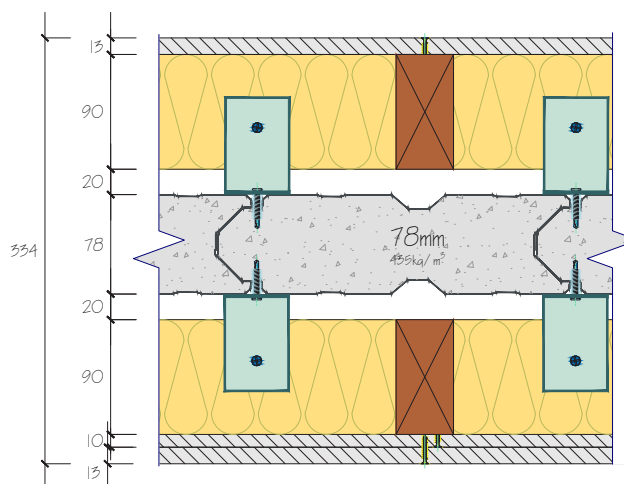
SYSTEM SP78079

Report No.	Fire rating level	Rw	C	CTR	Net acoustic rating	Thickness
RMIT 121i/06-013/JW	-/120/120	76	-9	17	Rw+Ctr 59	334mm

78

System Composition

- 13mm standard plasterboard
- 90mm timber frame
- 100mm x 27kg/m³ glasswool infill
- 20mm gap
- 78mm Speedpanel® 435kg/m³ density
- 20mm gap
- 100mm x 27kg/m³ glasswool infill
- 90mm timber frame
- 10mm standard plasterboard
- 13mm standard plasterboard



FREQUENCY (Hz)	Rw 76 REF. CURVE (dB)	SOUND TRANSMISSION LOSS (dB)
80	-	-
100	57	39.3
125	60	50.9
160	63	61.0
200	66	66.0
250	69	72.9
315	72	77.4
400	75	80.4
500	76	80.7
630	77	76.7
800	78	≥90.1
1000	79	≥90.1
1250	80	≥88.8
1600	80	≥87.4
2000	80	≥87.9
2500	80	87.2
3150	80	84.6
4000	-	81.4
5000	-	78.8

