

SYSTEM SP78087

Report No.	Fire rating level	Rw	C	CTR	Net acoustic rating	Thickness
RMIT 121i/07-019/PD	-/120/120	70	-7	-15	Rw+Ctr 55	318mm



System Composition

- 10mm standard plasterboard
- 90mm timber frame
- 100mm x 20kg/m³ Autex Quietstuf insulation
- 20mm gap
- 78mm Speedpanel® 600kg/m³ density
- 90mm timber frame
- 100mm x 20kg/m³ Autex Quietstuf insulation
- 10mm standard plasterboard

FREQUENCY (Hz)	Rw 70 REF. CURVE (dB)	SOUND TRANSMISSION LOSS (dB)
80	-	-
100	51	36.2
125	54	42.9
160	57	53.1
200	60	61.8
250	60	69.8
315	63	74.1
400	66	76.7
500	69	81.5
630	70	86.1
800	71	84.0
1000	72	78.7
1250	73	80.7
1600	74	84.8
2000	74	88.1
2500	74	88.8
3150	74	90.4
4000	-	91.1
5000	-	90.4

