

Speedpanel Acoustic Systems



78mm | SYSTEM SP78121

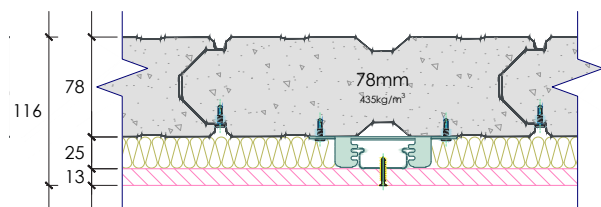
SYSTEM SP78121

Report No.	Fire rating level	Rw	C	CTR	Net acoustic rating	Thickness
RMIT 121i/11-091/PD	-/120/120	50	-3	-9	Rw+Ctr 41	116mm



System Composition

- 78mm Speedpanel® 435kg/m³ density
- 16mm furring channel with clips to create 25mm cavity
- 25mm x 32kg/m³ polyester insulation
- 13mm fire-rated plasterboard



FREQUENCY (Hz)	Rw 50 REF. CURVE (dB)	SOUND TRANSMISSION LOSS (dB)
80	-	27.1
100	31	23.6
125	34	27.9
160	37	32.9
200	40	37.2
250	43	41.9
315	46	43.9
400	49	47.3
500	50	51.1
630	51	53.9
800	52	55.4
1000	53	57.2
1250	54	56.0
1600	54	56.1
2000	54	54.8
2500	54	54.5
3150	54	56.6
4000	-	60.1
5000	-	63.4

