

Resilwall

Acoustic stud system



DESCRIPTION

Resilwall acoustic stud system is a unique, engineered metal profile that has been proven to greatly improve the sound isolation performance of internal lined walls.

Designed to outperform acoustic properties of conventional steel stud wall systems, the Resilwall acoustic stud system is the superior solution for walls with sensitive acoustic requirements and is commonly used in walls that separate habitable rooms from noisy environments such as corridors, lift shafts and plant rooms. Resilwall is suitable for use in high-rise residential apartments, aged care units, hospitals, offices and laboratories, and is appropriate for situations where vertical deflection is present.

FEATURES

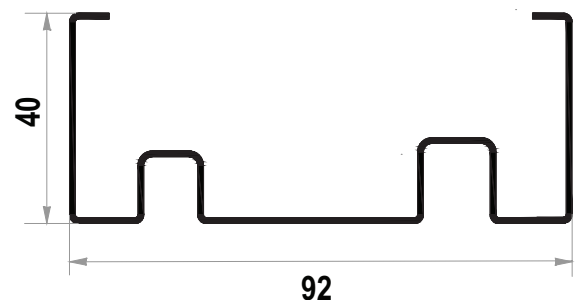
- Engineered profile designed to absorb airborne noise as it passes through the wall framing.
- Wall systems performance independently tested by CSIRO.
- Resilwall achieves complete compliance with BCA guidelines.
- Suitable for up to 7 metre high wall spans.
- Available in 92mm to suit Studco's standard 92mm track and deflection track.

TESTING

This product has been independently tested and verified by CSIRO Australia for reducing airborne sound transmission in internal lined wall systems and is suitable for use in walls that are required to comply with the Building Code of Australia Part F5. If you are an acoustic engineer and require further information or copies of test results, please contact Studco for prompt attention.

WARRANTY

This product is covered by a guarantee. Conditions and limitations of guarantees and warranties are set out in Studco Project Guarantee certificate.



ACCREDITATION/CERTIFICATION





PERFORMANCE

No.	SIDE 1	SIDE 2	INSULATION	RW	RW+CTR	REF
1	1 x 13mm BORAL FIRE PBRD	1 x 13mm BORAL FIRE PBRD	90mm SILENCER 14KG/M ³	48	38	RW1501
2	1 x 13mm BORAL ACOUSTIC PBRD	1 x 16mm BORAL FIRE PBRD	90mm SILENCER 14KG/M ³	50	40	RW1502
3	1 x 13mm USG POWERSCAPE	1 x 13mm USG POWERSCAPE	90mm SILENCER 14KG/M ³	48	40	RW1503
4	1 x 16mm BORAL FIRE PBRD	1 x 16mm BORAL FIRE PBRD	90mm SILENCER 14KG/M ³	48	41	RW1504
5	1 x 16mm BORAL FIRE PBRD	1 x 16mm USG POWERSCAPE	90mm SILENCER 14KG/M ³	49	42	RW1505
6	1 x 16mm USG POWERSCAPE	1 x 16mm USG POWERSCAPE	90mm SILENCER 14KG/M ³	50	42	RW1506
7	1 x 13mm BORAL FIRE PBRD	2 x 13mm BORAL FIRE PBRD	90mm SILENCER 14KG/M ³	52	44	RW1507
8	2 x 13mm USG POWERSCAPE	1 x 13mm USG POWERSCAPE	90mm SILENCER 14KG/M ³	53	45	RW1508
9	2 x 13mm BORAL FIRE PBRD	2 x 13mm BORAL FIRE PBRD	90mm SILENCER 14KG/M ³	57	50	RW1509
10	1 x 16mm BORAL WET PBRD 1 x 6mm FIBRE CEMENT	1 x 16mm BORAL WET PBRD 1 x 6mm FIBRE CEMENT	90mm SILENCER 14KG/M ³	59	50	RW1510
11	1 x 13mm USG POWERSCAPE 1 x 13mm BORAL FIRE PBRD	1 x 13mm USG POWERSCAPE 1 x 13mm BORAL FIRE PBRD	90mm SILENCER 14KG/M ³	58	51	RW1511
12	2 x 13mm USG POWERSCAPE	2 x 13mm USG POWERSCAPE	90mm SILENCER 14KG/M ³	56	51	RW1512
13	2 x 13mm BORAL FIRE PBRD	3 x 13mm BORAL FIRE PBRD	90mm SILENCER 14KG/M ³	58	53	RW1513
14	2 x 16mm USG POWERSCAPE	2 x 16mm USG POWERSCAPE	90mm SILENCER 14KG/M ³	58	53	RW1514
15	1 x 13mm USG POWERSCAPE 1 x 16mm USG POWERSCAPE	1 x 13mm USG POWERSCAPE 1 x 16mm USG POWERSCAPE	90mm SILENCER 14KG/M ³	60	53	RW1515



FURTHER ASSISTANCE

Contact the technical engineering team at Studco Technical Services for assistance with specifications, product selection, acoustic engineering and structural engineering enquiries.

T: 1800 STUDCO or email techadvice@studcosystems.com.au