

Resilwall

Acoustic stud system



Dashboard

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

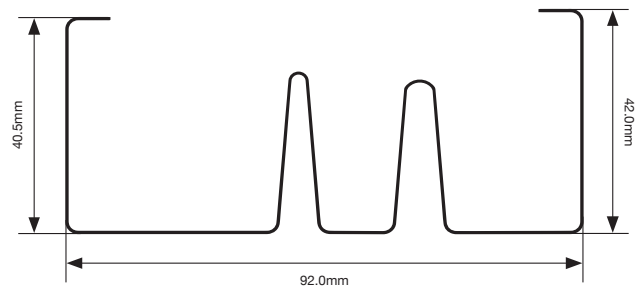
- Engineered profile designed to absorb airborne noise as it passes through the wall framing.
- Wall systems performance independently tested by The University of Auckland.
- Resilwall achieves complete compliance with BCA and NZBC guidelines.
- Suitable for up to 7 metre high wall spans.
- Available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

TESTING

This product has been independently tested and verified by The University of Auckland 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 and the New Zealand Building Code Clause G6 Airborne and Impact Sound. 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



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Datasheet



PERFORMANCE

No.	SIDE 1	SIDE 2	INSULATION	STC	RW	RW+CTR	REF
1	1 x 13mm ACOUSTIC PLASTERBOARD	1 x 13mm ACOUSTIC PLASTERBOARD	75mm SILENCER 14KG/M ²	52	51	41	RW1516
2	1 x 16mm FIRE-RATED PBRD	1 x 16mm FIRE-RATED PBRD	75mm SILENCER 14KG/M ²	52	51	43	RW1541
3	1 x 13mm ACOUSTIC PBRD 1 x 10mm ACOUSTIC PBRD	1 x 13mm ACOUSTIC PLASTERBOARD	75mm SILENCER 14KG/M ²	58	57	48	RW1517
4	2 x 13mm ACOUSTIC PLASTERBOARD	2 x 13mm ACOUSTIC PLASTERBOARD	75mm SILENCER 14KG/M ²	62	61	54	RW1518

* PBRD = PLASTERBOARD



PRODUCT RANGE

Part No.	ACOUSTIC STUD	LENGTH MM.	SUB PACK	STOCK PACK
MQST-2850	RESILWALL ACOUSTIC STUD 92mm X 0.55 BMT	2850	2	40
MQST-30	RESILWALL ACOUSTIC STUD 92mm X 0.55 BMT	3000	2	40
MQST-36	RESILWALL ACOUSTIC STUD 92mm X 0.55 BMT	3600	2	40
MQST-42	RESILWALL ACOUSTIC STUD 92mm X 0.55 BMT	4200	2	40
MQST-48	RESILWALL ACOUSTIC STUD 92mm X 0.55 BMT	4800	2	40



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