

RHINO SOUND BATT

High Performance Acoustic Insulation



SPECIFICATION NOTES

When specifying state the following:

- Product name i.e. **RHINO Sound Batts**
- Material R-value required.
- Joist or stud spacing.
- Area involved.

PRODUCT DESCRIPTION

RHINO SOUND BATT is a high density acoustic insulation product specifically made for wall, ceiling and midfloor applications where superior acoustic performance is required. It is manufactured from a specially formulated mineral wool and bonded with a thermosetting resin.

APPLICATIONS

The product comes in a range of thicknesses and densities to suit most applications. The batts are designed to suit standard stud or joist centres of 450mm and 600mm. For timber studs the 430mm and 580mm products should be used.

RHINO SOUND BATT is typically used in internal walls in residential homes as a high density acoustic insulation to reduce noise transfer between rooms and will assist in creating a quieter home. **RHINO SOUND BATT** can be used in the midfloors of two storey homes to reduce noise travelling between upstairs and downstairs.

BENEFITS

- Reduce noise transfer between rooms
- Helps isolate rooms for a quieter home
- Provides thermal insulation, reducing your energy use
- Limit noise transfer in 2 storey homes between floors
- Non Combustible
- Backed by a 70 year product warranty

Product Code	R-Value (m ² k/w)	Thickness (mm)	Batt size (mm)	Batts/ pack	Area/pack (m ²)	Coverage/ pack (m ²)	Packs per Multi
RSBatt-R1.7-60-1143	R1.7	60	1160 x 430	11	5.5	6.2	6
RSBatt-R1.7-60-1158			1160 x 580		7.4	8.4	6
RSBatt-R2.0-70-1143	R2.0	70	1160 x 430	9	4.5	5.1	6
RSBatt-R2.0-70-1158			1160 x 580		6.1	6.8	6
RSBatt-R2.0*-70-1260			1200 x 600		6.5	6.5	6
RSBatt-R2.5-88-1143	R2.5	88	1160 x 430	7	3.5	3.9	6
RSBatt-R2.5-88-1158			1160 x 580		4.7	5.3	6
RSBatt-R3.1-110-1143	R3.1	110	1160 x 430	6	3.0	3.4	6
RSBatt-R3.1-110-1158			1160 x 580		4.0	4.5	6

* suitable for steel frame construction

ACOUSTIC PERFORMANCE

Sound Absorption results tested in accordance with AS/ISO 354-2006 and NRC rated in accordance with ASTM C423-90A. The sound absorption coefficient (α_w) as per AS ISO 11654-1997 is: $\alpha_w = 1.00$

Product	Thickness	Frequency (Hz)						
		125	250	500	1000	2000	4000	NRC
R1.7	60mm	0.29	0.65	1.11	1.15	1.05	0.94	1.00
R2.0	70mm	0.27	0.91	1.12	1.01	1.02	0.98	1.00
R2.5	88mm	0.38	1.04	1.18	1.08	1.05	0.97	1.10
R3.1	110mm	0.54	1.24	1.20	1.09	1.06	1.11	1.15

HEALTH & SAFETY

RHINO SOUND BATTS have been assessed in accordance with National Occupational Health and Safety Commission (NOHSC) criteria and as a result this product is not classified as hazardous. **RHINO SOUND BATTS** will not burn and are made from FBS-1 bio-soluble glasswool which is listed on the International Agency for Research on Cancer (IARC) as Category 3 – not classifiable as to its carcinogenicity to humans.

RHINO SOUND BATT is made in Australia and complies with AS/NZS 4859.1 “materials for the thermal insulation of buildings.”

Thor Building Products Pty Ltd reserves the right to change product specifications without prior notice. Information in this publication and otherwise supplied to users as to the subject product is based on our general experience and is given in good faith, but due to the many particular factors which are outside our knowledge and control and affect the use of products, no warranty is given or is to be implied with respect to either such information or the product itself, in particular the suitability of the product for any particular purpose. The purchaser should independently determine the suitability of the product for the intended application. For the most current version of this publication refer to our website <https://thorbuilding.com.au/downloads>.

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THE ULTIMATE PROTECTION

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September 2020