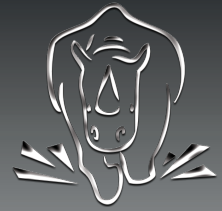


RHINO BATTS FOR THERMAL APPLICATIONS



SPECIFICATION NOTES

When specifying state the following:

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

PRODUCT DESCRIPTION

RHINO Batts are made from lightweight, flexible and resilient glasswool, specially designed for the thermal insulation of ceilings and walls in domestic and commercial buildings. Designed to improve the energy efficiency of a home keeping homes cooler in summer and warmer in winter. **RHINO Batts** for Wall & Ceiling are available in a range of sizes and R-values to suit any application.

PHYSICAL CHARACTERISTICS

The comprehensive range of sizes and R-values available ensures there is an efficient and effective **RHINO Batts** insulation solution available for any application. **RHINO Batts** insulation for wall applications are stiffened to fit snugly between standard spacing wall studs without sagging and should be installed at the time of construction before fixing internal lining.

Product Code	R-Value (m ² k/w)	Thickness (mm)	Batt size (mm)	Batts/ pack	Area/ pack (m ²)	Coverage /pack (m ²)	Packs/ Masterbag
Wall Batts							
RBatt-R2.0-430	2.0	90	1160 x 430	22	11.0	12.5	5
RBatt-R2.0-580			1160 x 580	18	12.1	13.6	6
RBatt-R2.0HD-420	2.0HD*	75	1160 x 420	12	5.8	7.0	6
RBatt-R2.0HD-570			1160 x 570	12	7.9	9.1	6
RBatt-R2.5HD-420	2.5HD*	90	1160 x 420	9	4.4	5.0	6
RBatt-R2.5HD-570			1160 x 570	9	6.0	6.7	6
RBatt-R2.7HD-420	2.7HD*	90	1160 x 420	5	2.4	2.8	5
RBatt-R2.7HD-570			1160 x 570	5	3.3	3.8	5
Ceiling Batts							
RBatt-R2.5-430	2.5	140	1160 x 430	16	8.0	9.0	7
RBatt-R2.5-580			1160 x 580	16	10.8	12.2	7
RBatt-R3.0-430	3.0	165	1160 x 430	16	8.0	9.0	6
RBatt-R3.0-580			1160 x 580	16	10.8	12.2	6
RBatt-R3.5-430	3.5	185	1160 x 430	16	8.0	9.0	5
RBatt-R3.5-580			1160 x 580	10	6.7	7.6	8
RBatt-R4.1-430	4.1	215	1160 x 430	10	5.0	5.6	7
RBatt-R4.1-580			1160 x 580	10	6.7	7.6	7
RBatt-R5.0-430	5.0	240	1160 x 430	8	4.0	4.5	6
RBatt-R5.0-580			1160 x 580	8	5.4	6.1	6
RBatt-R6.0-430	6.0	260	1160 x 430	6	3.0	3.4	6
RBatt-R6.0-580			1160 x 580	6	4.0	4.5	6
RBatt-R7.0-430	7.0	290	1160 x 430	4	2.0	2.3	6
RBatt-R7.0-580			1160 x 580	4	2.7	3.0	6

• (HD= High Density)

RHINO BATTS FOR THERMAL APPLICATIONS

THE ULTIMATE PROTECTION

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August 2023

MOISTURE ABSORPTION

In the event of **RHINO Batts** becoming wet, the insulation must be dried prior to installation to obtain maximum performance and prevent damage to other building elements. **RHINO Batts** absorb less than 0.2% moisture by volume when exposed to environmental conditions of 50°C at 95% relative humidity for four days.



RHINO BATTS FOR THERMAL APPLICATIONS



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AS1530.1 TEST FOR COMBUSTIBILITY OF MATERIALS

In accordance with AS1530 Part 1 the glasswool in **RHINO Batts** insulation is non-combustible. The Building Code of Australia (BCA) deemed to satisfy provisions require walls important to the structural integrity of commercial buildings to be constructed wholly of materials that are non-combustible. Fire rated (FRL) walls between tenancies and common walls of multi-level apartment buildings also must be constructed wholly of materials that are non-combustible. The BCA states that if materials used in an assembly contain combustible components, then the assembly is combustible. Incorporating non-combustible **RHINO Batts** insulation into wall systems allows builders to gain acoustic and thermal benefits while still complying with the BCA requirement to maintain structural integrity and for minimising risk to occupants from smoke inhalation and fire in Class 2 to 9 buildings.

FIRE HAZARD PROPERTIES

Meets the requirements of the NCC 2022 Volume1, S7C7 for insulation materials. When assessed to AS/NZS 1530.3 this product does not exceed the 'Spread of Flame' or 'Smoke Developed' indices of Table S7C7.

ALKALINITY

The insulation will not promote or accelerate the corrosion of steel or galvanised steel studs provided the insulation is protected from external contamination.

MAXIMUM SERVICE TEMPERATURE

RHINO Batts have a maximum service temperature of 340°C.

HEALTH & SAFETY

RHINO Batts are not classified as carcinogenic. The International Agency for Research into Cancer (IARC) has determined that glasswool insulation products are non-carcinogenic, with no potential for causing cancer in humans.

RHINO Batts are suitable for use in homes of asthma and allergy sufferers.

This product complies with AS4859.1 – "Materials for the thermal insulation of buildings".

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