

AIS Glasswool Batt

Product Description

AIS Glasswool is a lightweight insulation product for commercial and residential buildings.

It is available in range of R-Values to provide architects, designers, builders, and installers with comprehensive thermal and acoustic solutions.



Application

AIS Glasswool Batt provides thermal and acoustic insulation for internal wall, ceiling, and flooring applications.

Technical Specification

When specifying, state the following:

The insulation material shall be AIS Glasswool 11/14/24/32 Wall Batt R_____m²K/W (Material R-Value) _____(thickness) x _____(width) _____(length) mm.

The insulation material shall be AIS Glasswool Ceiling/Floor Batt R_____m²K/W (Material R-Value) _____(thickness) x _____(width) _____(length) mm.

Product Properties

Property	Standard	Result
Fire Performance	AS/NZS 1530.1	Non-combustible
Early Fire Hazard Indices		Result
Ignitability Index		0
Spread of Flame Index	AS/NZS 1530.3	0
Heat Evolved Index		0
Smoke Developed Index		1-2
Thermal Resistance	AS/NZS 4859.1	Complies
Asbestos Analysis	AS4964-2004	AIS Glasswool does not contain asbestos



Specification - AIS Glasswool Wall Batt (Timber Frame)

Product Name	Product Code	R-Value (m ² K/W)	Nominal Thickness (mm)	Width (mm)	Length (mm)	Batts Per Pack	m ² Per Pack
AIS Glasswool 11 Wall Batt	119210402.11-50	R1.1	50	430	1160	51	25.44
	119210402.13-50	R1.1	50	580	1160	51	34.31
	119210402.11-75	R1.7	75	430	1160	32	15.96
	119210402.13-75	R1.7	75	580	1160	32	21.53
	119210402.11-90	R2.0	90	430	1160	28	13.97
	119210402.13-90	R2.0	90	580	1160	28	18.84
	119210402.11-100	R2.2	100	430	1160	24	11.97
	119210402.13-100	R2.2	100	580	1160	24	16.15
AIS Glasswool 14 Wall Batt	119210403.11-50	R1.3	50	430	1160	38	18.95
	119210403.13-50	R1.3	50	580	1160	38	25.57
	119210403.11-75	R1.9	75	430	1160	26	12.97
	119210403.13-75	R1.9	75	580	1160	26	17.49
	119210403.11-90	R2.2	90	430	1160	22	10.97
	119210403.13-90	R2.2	90	580	1160	22	14.80
	119210403.11-100	R2.5	100	430	1160	19	9.48
	119210403.13-100	R2.5	100	580	1160	19	12.78
AIS Glasswool 24 Wall Batt	119210405.11-50	R1.4 HD	50	430	1160	23	11.47
	119210405.13-50	R1.4 HD	50	580	1160	23	15.47
	119210405.11-70	R2.0 HD	70	430	1160	15	7.48
	119210405.13-70	R2.0 HD	70	580	1160	15	10.09
	119210405.11-75	R2.1 HD	75	430	1160	15	7.48
	119210405.13-75	R2.1 HD	75	580	1160	15	10.09
	119210405.11-90	R2.5 HD	90	430	1160	14	6.98
	119210405.13-90	R2.5 HD	90	580	1160	14	9.42
	119210405.11-100	R2.8 HD	100	430	1160	11	5.49
119210405.13-100	R2.8 HD	100	580	1160	11	7.40	
AIS Glasswool 32 Wall Batt	119210406.11-25	R0.8 HD	25	430	1160	34	16.96
	119210406.13-25	R0.8 HD	25	580	1160	34	22.88
	119210406.11-50	R1.5 HD	50	430	1160	18	8.98
	119210406.13-50	R1.5 HD	50	580	1160	18	12.11
	119210406.11-75	R2.2 HD	75	430	1160	11	5.49
	119210406.13-75	R2.2 HD	75	580	1160	11	7.40
	119210406.11-90	R2.7 HD	90	430	1160	9	4.49
	119210406.13-90	R2.7 HD	90	580	1160	9	6.06
	119210406.11-100	R3.0 HD	100	430	1160	8	3.99
	119210406.13-100	R3.0 HD	100	580	1160	8	5.38



Specification - AIS Glasswool Wall Batt (Metal Frame)

Product Name	Product Code	R-Value (m ² K/W)	Nominal Thickness (mm)	Width (mm)	Length (mm)	Batts Per Pack	m ² Per Pack
AIS Glasswool 9 Wall Batt	119210401.24-70	R1.5	70	600	1200	40	28.8
AIS Glasswool 11 Wall Batt	119210402.24-50	R1.1	50	600	1200	51	36.72
	119210402.24-75	R1.7	75	600	1200	32	23.04
	119210402.24-90	R2.0	90	600	1200	28	20.16
	119210402.24-100	R2.2	100	600	1200	24	17.28
AIS Glasswool 14 Wall Batt	119210403.24-50	R1.3	50	600	1200	38	27.36
	119210403.24-75	R1.9	75	600	1200	26	18.72
	119210403.24-90	R2.2	90	600	1200	22	15.84
	119210403.24-100	R2.5	100	600	1200	19	13.68
AIS Glasswool 24 Wall Batt	119210405.24-50	R1.4 HD	50	600	1200	23	16.56
	119210405.24-70	R2.0 HD	70	600	1200	15	10.80
	119210405.24-75	R2.1 HD	75	600	1200	15	10.80
	119210405.24-90	R2.5 HD	90	600	1200	14	10.08
	119210405.24-100	R2.8 HD	100	600	1200	11	7.92
AIS Glasswool 32 Wall Batt	119210406.24-25	R0.8 HD	25	600	1200	34	24.48
	119210406.24-50	R1.5 HD	50	600	1200	16	12.96
	119210406.24-70	R2.1 HD	70	600	1200	11	7.92
	119210406.24-75	R2.2 HD	75	600	1200	11	7.92
	119210406.24-90	R2.7 HD	90	600	1200	9	6.48
	119210406.24-100	R3.0 HD	100	600	1200	8	5.76
	119210406.24-120	R3.5 HD	120	600	1200	6	4.32



Specification - AIS Glasswool Ceiling Batt

Product Name	Product Code	R-Value (m ² K/W)	Nominal Thickness (mm)	Width (mm)	Length (mm)	Batts Per Pack	m ² Per Pack
AIS Glasswool 8-14 Ceiling Batt	119210501.11-125	R2.5	125	430	1160	24	11.97
	119210501.13-125	R2.5	125	580	1160	24	16.15
	119210501.11-150	R3.0	150	430	1160	20	9.98
	119210501.13-150	R3.0	150	580	1160	20	13.46
	119210501.11-175	R3.5	175	430	1160	18	8.98
	119210501.13-175	R3.5	175	580	1160	18	12.11
	119210501.11-195	R4.1	195	430	1160	15	7.48
	119210501.13-195	R4.1	195	580	1160	15	10.09
	119210501.11-230	R5.0	230	430	1160	10	4.99
	119210501.13-230	R5.0	230	580	1160	10	6.73
	119210501.11-260	R6.0	260	430	1160	9	4.49
	119210501.13-260	R6.0	260	580	1160	9	6.06

Specification - AIS Glasswool Floor Batt

Product Name	Product Code	R-Value (m ² K/W)	Nominal Thickness (mm)	Width (mm)	Length (mm)	Batts Per Pack	m ² Per Pack
AIS Glasswool HD Floor Batt	119210601.11-90	R2.5 HD	90	430	1160	14	6.98
	119210601.13-90	R2.5 HD	90	580	1160	14	9.42

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