

Acoustigard Partition Rolls

INTERIOR ACOUSTIC SOLUTIONS

PRODUCT DESCRIPTION

Bradford Acoustigard Partition Rolls are a high performance insulation product designed for use in metal framed internal partitions & walls in multi residential and commercial office buildings.

Bradford Acoustigard Partition Rolls are manufactured by spinning molten glass into fine wool-like fibres, containing up to 65% recycled glass content. These inorganic, non-combustible fibres are bonded together using a thermosetting resin and the product can be identified by its golden appearance and is supplied un-faced.

APPLICATIONS

Acoustigard Partition Rolls have been designed to provide long term thermal and acoustic control for internal partition wall and ceiling assemblies and offer a broad range of thicknesses and densities to suit most applications. Acoustigard Partition Rolls provides repeatable performance both thermally and acoustically, and can be used in ceilings and internal walls requiring New Zealand Building Code compliance. Acoustigard will not slump in the wall cavity, ensuring that there are no unwanted voids or cavities that can lead to the loss of thermal and acoustic performance.

Typical applications include walls and partitions in;

- High rise and low rise multi residential buildings;
- Commercial office buildings and shopping centre interior fit-outs;
- Acoustic ceiling baffle block treatment to meet acoustic requirements;
- Overlays to the ceiling grid to provide improved acoustic and thermal isolation.

HEALTH AND SAFETY

This product is manufactured using the latest safe-to-handle Fibre Bio-Soluble (FBS-1) Glasswool formulation and is not classified as hazardous according to the criteria of the ASCC (formally NOHSC) guidelines. For further information refer SUI sheet on the Bradford website.



PRODUCT DETAILS

PART NUMBER	MATERIAL R-VALUE	DENSITY (kg/m ³)	THICKNESS (mm)	LENGTH (m)	WIDTH (mm)	ROLLS PER PACK	COVERAGE PER PACK (m ²)
119522	R1.3	14	50	16.2	600	2	19.4
119524	R1.8	14	75	13.5	600	2	16.2
87731	R2.2	14	90	10.8	600	2	13.0

PRODUCT SPECIFICATIONS

MAXIMUM SERVICE TEMP		350°C
THERMAL COMPLIANCE	AS/NZS4859.1 Materials for the thermal insulation of buildings	Complies
MOISTURE ABSORPTION	When left in a controlled atmosphere of 50°C and 95% relative humidity for four days	Less than 0.2% by volume
FIRE HAZARD PROPERTIES	When tested in accordance with AS1530.3:1999	Ignitability: 0 Spread of Flame: 0 Heat Evolved: 0 Smoke Developed: 1
COMBUSTIBILITY	When tested in accordance with AS1530 Part 1:1994	Non-combustible - products with density $\leq 24\text{kg/m}^3$

PRODUCT PERFORMANCE

Acoustic Performance

Sound absorption results tested in accordance with AS/ISO 354–2006 and NRC result rated in accordance with AS/ISO 11654.

DENSITY	THICKNESS	FREQUENCY									REPORT
kg/m ³	(mm)	125	250	500	1000	2000	4000	5000	NRC	aw	Ref
14	75mm	0.26	0.71	1.03	1.00	0.95	0.99	0.97	0.90	0.95	10-191