

Fletcher
Insulation

Building Better, Together



HVAC & Industrial Catalogue

Contents

Introduction

Trusted Solutions: Fletcher Insulation	3
NCC Deemed-to-Satisfy	4–5

Flexible Blanket

General Purpose	6
FI22 Ductwrap	7
Flexible Ductliner	8

Semi Rigid Board

FI32 Semi Rigid Insulation Acoustic Performance	9
FI32 Semi Rigid Sheets	10–11

Semi Rigid Blanket

FI32 Semi Rigid Rolls	12–13
-----------------------	-------

Facing Selections

Ductwork Facing Selection Guide	14
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Rigid Board

FI48 Rigid Board	15
Ductboard®	16
FI96 High Density Equipment Insulation (HDEI)	16

Fire Protection

Fire Dampers	17
--------------	----

Facing Foils

Sisalation® Facing Foils	18
--------------------------	----

Acoustic Barriers

Pipe Acoustic Lagging	19
Loaded Vinyl Barrier	20

Tapes

Vapastop® 883 Reinforced Foil Tape	21
Plain Foil Tape	21
Double Sided Cloth Tape	22
Sisalation® MD 440WF White Tape	22
Black Tape	22

Adhesives

Foster® Sealfas®	23
Spray Grade Polystyrene Adhesive	23
High Tack Sprayable Adhesive	23

Get in touch with us	24
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The Fletcher Insulation HVAC & Industrial catalogue has been designed to be used in conjunction with our product selection guides for understanding best suited product in application as well as our technical data sheet for product performance, standards compliance and specification for best practice methods for installing Fletcher Insulation products. The catalogue is not designed to be used for understanding how product performs in application or technically, rather a comprehensive guide of the range of insulation available at Fletcher Insulation, along with product codes for ease of reference and or selection.

Trusted Solutions: Fletcher Insulation

With one of Australia's widest distribution and sales coverage networks, Fletcher Insulation provides energy efficient and acoustic solutions to the residential, commercial, HVAC and industrial markets. We manufacture and distribute a wide range of insulation products specially designed for Australian thermal and acoustic systems.

At the forefront of innovation and development of cost effective and compliant products, we remain committed to offering valuable service to our customers. Our national sales force has the experience and knowledge to provide assistance for any project or development to meet non-combustibility, acoustic and energy efficiency performance requirements.

The residential, commercial and HVAC building sectors demand products that enable buildings to meet stringent requirements as set out in the National Construction Code (NCC) for thermal, acoustic and fire performance. Our extensive product range ensures we are able to supply the most suitable product for any application.



The HVAC Market

Fletcher Insulation is dedicated to servicing the heating, ventilation and air conditioning industry with a wide range of Australian Standard compliant products coupled with a reliable delivery network. We manufacture and supply insulation blankets, liners, rolls and sheets as well as boards, to insulate all types of internal and external ductwork. We pride ourselves on the solidity and durability of our products as well as producing quality board, allowing for meticulous cutting, resulting in straighter and firmer edges.

The Industrial Market

Fletcher Insulation manufacture and supply a wide range of specialised products to cater for the insulation needs of light industrial applications. Such products include vessel blanket insulation, facing foils and high temperature sheet insulation. We also supply customised insulation products used by Original Equipment Manufacturers (OEM) in the automotive and solar hot water industries. Our products are used to conserve energy, provide a safe environment for workers and attenuate noise.

Introduction

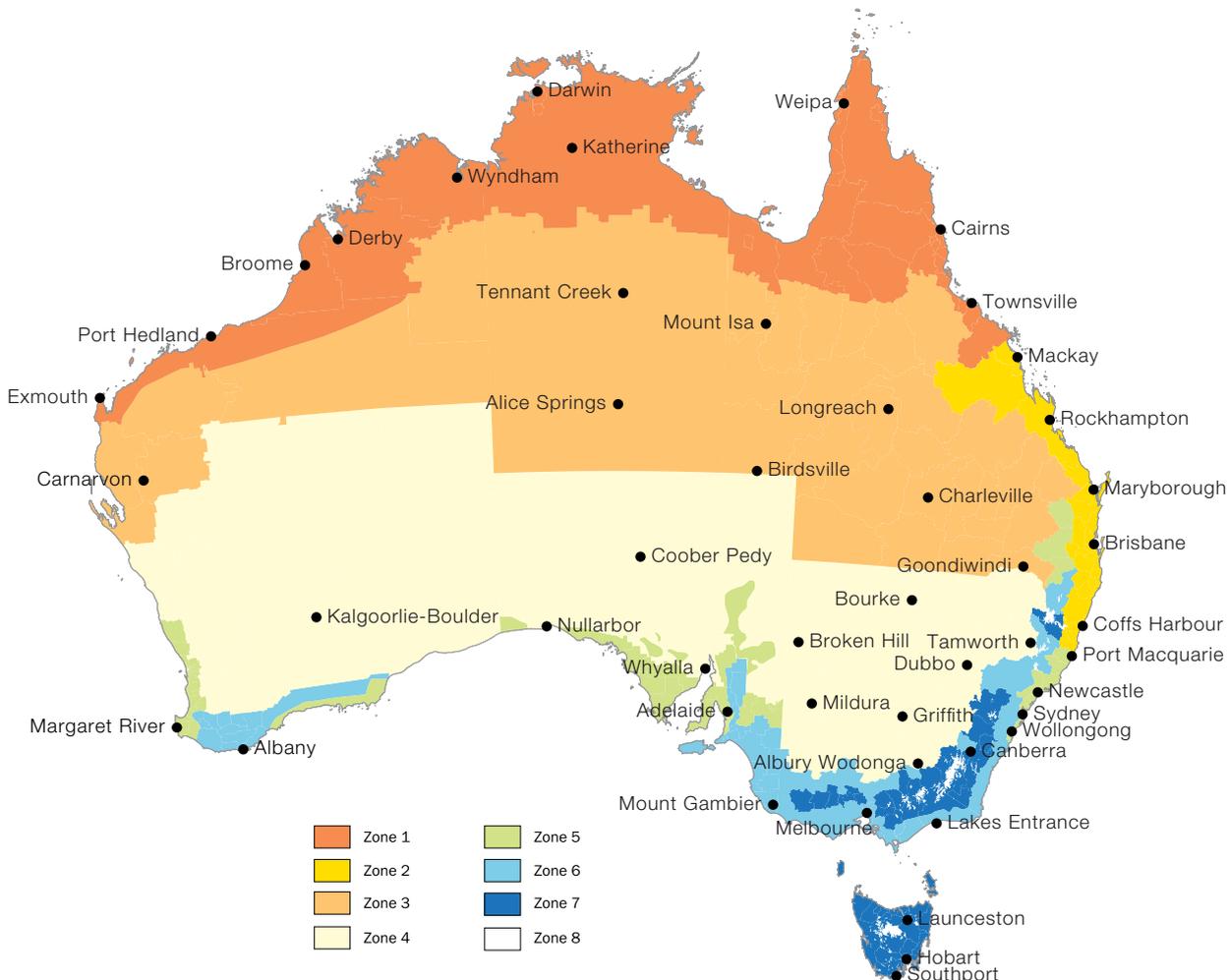
NCC Deemed-to-Satisfy

Australia has a varied climate, leading to different locations around the country having different heating and cooling requirements. To account for these differences the energy efficiency Deemed-to-Satisfy Provisions vary from location to location and for simplicity, locations with approximately similar climates have been combined into eight climate zones.

The following provides a brief description of each NCC climate zone:

- Climate zone 1** High humidity summer, warm winter
- Climate zone 2** Warm humid summer, mild winter
- Climate zone 3** Hot dry summer, warm winter
- Climate zone 4** Hot dry summer, cool winter
- Climate zone 5** Warm temperate
- Climate zone 6** Mild temperate
- Climate zone 7** Cool temperate
- Climate zone 8** Alpine

These eight climate zones are illustrated below in the form of a climate zone map which was created using Bureau of Meteorology climatic data with two supplementary zones added to accommodate an additional temperate zone and alpine area. The climate zone boundaries are also aligned with local government areas and are therefore subject to change from time to time.



NCC 2019 Deemed-to-Satisfy: Insulation requirement for ductwork and fittings

Selecting the correct level of thermal performance has a direct impact on building comfort. The right type of ductwork insulation can optimise the performance and energy efficiency of a HVAC system. The minimum performance level for insulation will vary depending on the climate zone of the project, building type and its application.

Use the following table to determine the minimum insulation requirements under the Deemed-to-Satisfy provisions of the National Construction Code (NCC) 2019. The minimum insulation values recommended below can be used to meet the building performance requirements where the Deemed-to-Satisfy provisions as detailed in under Volume one for Commercial applications and Volume Two for Residential applications of the NCC 2019 are also met.

Table 1: Residential HVAC									
Options		Minimum System R-value for climate zones:							
		1	2	3	4	5	6	7	8
Ductwork	i.i. Heating only system or cooling only system including an evaporative cooling system	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5
	i.ii. Combined heating and refrigerated cooling system	1.5	1.0	1.5	1.5	1.0	1.5	1.5	1.5
Fittings	ii.i. Heating only system or cooling only system including an evaporative cooling system	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	ii.ii. Combined heating and refrigerated cooling system	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

Concessions and variations apply. Refer NCC 2019 Volume 2 Section 3.12.5.3 Heating and Cooling ductwork.

The minimum material R-Value required for ductwork may be reduced by 0.5 for combined heating and refrigerated cooling systems in climate zones 1, 3, 4, 6, and 7 if the ducts are:

- a. Under a suspended floor with an enclosed perimeter; or
- b. In a roof space that has insulation of not less than R0.5 directly beneath the roofing.

Table 2: Commercial HVAC									
Location		Minimum System R-value for climate zones:							
		1	2	3	4	5	6	7	8
i.	Within a conditioned space	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.0
ii.	Where exposed to direct sunlight	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
iii.	All other locations	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0

Concessions and variations apply. Refer NCC 2019 Volume 1 Section J5 .5 Ductwork Insulation.

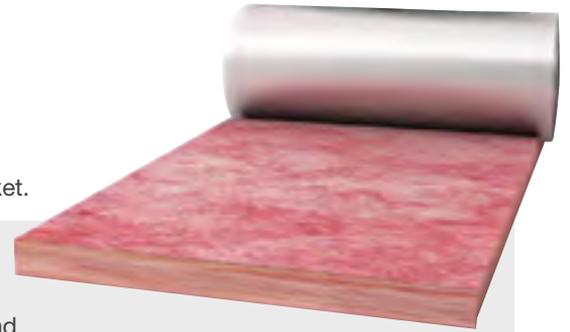
Flexible Blanket



General Purpose

Designed for use as a flexible blanket for external lagging of rigid ducting.

Made from 80% recycled glass forming a lightweight, flexible blanket.



Product information

- 10 year product warranty
- 150mm overlap of facing foil provided for ease of joining and taping insulation around ductwork
- Sufficiently flexible to wrap around sharp angles and small radii
- Australian Made

Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Density kg/m ³	Facing	Material R-value	Nominal thickness mm	Width mm	Length m	Product code
18	Sisalation® Heavy Duty (HD) 450 Facing Foil 150mm lap	R2.0	75	1380	12	935475
22	Unfaced	R1.2	41	1200	18	935433
		R2.0	75	1200	7.5	940186
	Sisalation® Medium Duty (MD) 430 Facing Foil 150mm lap	RO.7	25	1380	15	935317
		R1.1	38	1380	15	235329
	Sisalation® Heavy Duty (HD) 450 Facing Foil 150mm lap	RO.7	25	1200	15	935321
		R1.1	38	1200	15	935351
		R1.2	41	1200	18	935434
		R1.5	50	1200	15	935322
		R1.5	50	1380	10	935438
		R1.5	50	1380	15	935318
24	Unfaced	R2.0	75	1200	7.5	935327
		RO.7	25	1200	20	936130
		RO.7	25	1500	20	936135
		R1.5	50	1200	12	936140
		R1.5	50	1500	15	936143



FI22 Ductwrap

Designed for use as a flexible blanket for external lagging of rigid ducting.

Made from 80% recycled glass forming a lightweight, flexible blanket.



Product information

- 10 year product warranty
- 22kg/m³ density
- Sufficiently flexible to wrap around sharp angles and small radii
- Australian Made

Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Density kg/m ³	Facing	Material R-value	Nominal thickness mm	Width mm	Length m	Product code
22	Sisalation® Heavy Duty (HD) 450 Facing Foil	R0.7	25	1200	15	235425
		R0.7	25	1500	15	936356
		R1.1	38	1200	10	235439
		R1.1	38	1200	15	235438
		R1.1	38	1500	15	235357
		R1.2	41	1200	10	935442
		R1.2	41	1200	15	935439
		R1.2	41	1200	18	935436
		R1.5	50	1200	10	936377
		R1.5	50	1200	15	235355
		R1.5	50	1200	10	936377
		R1.5	50	1200	15	235355
		R2.0	75	1500	12	936364
		R2.0	75	1200	7.5	235321
		R2.0	75	1500	7.5	235322

Flexible Blanket



Flexible Ductliner

Designed for use in applications for internal lining of sheet metal ductwork.

Made from 80% recycled glass using a thermosetting resin forming a lightweight flexible roll, with optional facings adhered to on one side.



Product information

- 10 year product warranty
- 24kg/m³ density
- Australian Made

Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Density kg/m ³	Facing	Material R-value	Nominal thickness mm	Width mm	Length m	Product code
24	Unfaced	R2.0	70	1380	8	939070
		R2.0	70	1500	6	939071
		R3.0	108	1380	8	939108
		R3.0	108	1500	6	939109

FI32 Semi Rigid Insulation

Acoustic Performance

FI32 Semi-Rigid Insulation achieves the following sound absorption coefficients when tested in accordance with AS ISO354-2006:

Product	Nominal thickness mm	Sound Absorption Coefficients at frequencies (Hz) of:										
		100	125	250	500	1000	2000	3150	4000	5000	NRC	α_w
Vapastop® 883	25	0.08	0.11	0.42	0.81	1.06	0.87	0.59	0.46	0.40	0.80	0.65 (M)
Sisalation® HD Perf	25	0.05	0.06	0.22	0.63	0.87	1.00	0.92	0.88	0.83	0.70	0.55 (MH)
Unfaced/Plain	25	0.08	0.08	0.24	0.55	0.82	0.93	0.97	0.97	0.98	0.65	0.55 (MH)
Black Matt Facing (BMF)	25	0.06	0.06	0.25	0.61	0.83	0.95	0.99	1.03	1.03	0.65	0.55 (MH)
Mylar with Sisalation® HD Perf	25	0.09	0.12	0.41	1.07	0.62	0.25	0.15	0.15	0.13	0.60	0.30 (LM)
Vapastop® 883	38	0.09	0.19	0.77	1.02	1.09	0.78	0.57	0.51	0.41	0.90	0.70 (LM)
Sisalation® HD Perf	38	0.08	0.16	0.57	0.89	1.08	1.02	0.98	0.99	0.94	0.90	0.85
Unfaced/Plain	38	0.04	0.12	0.43	0.90	1.06	0.99	0.93	0.92	0.92	0.85	0.70 (LM)
Black Matt Facing (BMF)	38	0.08	0.15	0.59	0.85	1.02	1.02	1.07	1.09	1.02	0.85	0.85
Mylar with Sisalation® HD Perf	38	0.13	0.23	0.98	0.98	0.55	0.24	0.12	0.12	0.10	0.70	0.25 (LM)
Unfaced/Plain	50	0.07	0.19	0.68	1.09	1.16	1.02	1.01	1.00	0.97	1.00	1.00
Vapastop® 883	50	0.15	0.30	0.90	1.06	1.03	0.77	0.60	0.52	0.37	0.95	0.70 (LM)
Sisalation® HD Perf	50	0.07	0.19	0.68	1.07	1.05	1.01	0.91	0.96	0.86	0.95	1.00
Black Matt Facing (BMF)	50	0.12	0.18	0.69	1.00	1.10	1.03	1.05	1.04	1.05	0.95	0.95
Sisalation® HD	50	0.18	0.30	1.24	0.92	0.43	0.19	0.15	0.12	0.12	0.70	0.25 (LM)
Mylar with Sisalation® HD Perf	50	0.16	0.33	1.09	0.94	0.50	0.23	0.15	0.15	0.10	0.70	0.25 (LM)
Unfaced/Plain	75	0.16	0.29	1.08	1.23	1.03	0.99	1.00	0.99	0.97	1.10	1.00
Black Matt Facing (BMF)	75	0.22	0.45	1.19	1.07	1.04	1.04	1.06	1.06	1.04	1.10	1.00
Sisalation® HD Perf	75	0.22	0.52	1.16	1.07	0.99	1.01	0.99	0.97	0.90	1.05	1.00
Vapastop® 883	75	0.28	0.59	1.17	0.97	0.94	0.83	0.64	0.54	0.41	1.00	0.75 (LM)
Sisalation® HD	75	0.28	0.45	1.25	0.92	0.49	0.23	0.16	0.12	0.10	0.70	0.25 (LM)
Mylar with Sisalation® HD Perf	75	0.30	0.62	1.16	0.81	0.47	0.22	0.16	0.13	0.12	0.65	0.30 (LM)
Unfaced/Plain	100	0.39	0.50	1.26	1.21	1.08	1.03	0.99	0.97	0.94	1.15	1.00
Black Matt Facing (BMF)	100	0.41	0.73	1.26	1.13	1.09	1.03	1.00	1.06	1.03	1.15	1.00
Sisalation® HD Perf	100	0.45	0.82	1.19	1.14	1.06	1.06	1.01	1.01	0.96	1.10	1.00
Vapastop® 883	100	0.44	0.85	1.15	1.03	0.91	0.78	0.56	0.47	0.36	0.95	0.65 (LM)
Sisalation® HD	100	0.54	0.80	1.17	0.88	0.53	0.24	0.13	0.11	0.12	0.70	0.25 (LM)
Mylar with Sisalation® HD Perf	100	0.51	1.01	1.08	0.86	0.50	0.23	0.13	0.13	0.08	0.65	0.25 (LM)

Semi Rigid Board



FI32 Semi Rigid Sheets

Designed for use across a range of HVAC, industrial and commercial insulation applications. It offers high thermal and acoustic performance at minimal thickness making it ideal for lining sheet metal ductwork, storage tanks, process vessels, appliance cabinets, plant rooms, curtain walling, spandrel panels and in the manufacture of acoustic baffles.

Made from 80% recycled glass using a thermosetting resin to form a semi rigid board, with optional facings adhered to one side.



Product information

- 10 year product warranty
- 32kg/m³ glasswool
- Available in a range of facing options to suit various performance requirements. See page 18 for facing options
- Australian Made
- Tested to ASTM D5116 and exceeds the strict requirements set by the Green Building Council of Australia Green Star Office Design IEQ-13 for VOC and Formaldehyde emissions.

Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Facing	Material R-value	Nominal thickness mm	Width mm	Length mm	Pieces per pack	Product code
Unfaced	R0.8	25	1200	2400	10	240125
			1500			240126
	R1.2	38	1200	2400	6	240138
			1500			240417
			1410			940734
	R1.5	50	1200	2400	5	240150
			1500			240151
			1410			3000
	R2.3	75	1200	2400	3	240175
			1500			240141
			1410			3000
	R3.0	100	1200	2400	2	240207
			1500			240828

Facing	Material R-value	Nominal thickness mm	Width mm	Length mm	Pieces per pack	Product code
Sisalation® Heavy Duty Perforated (HDP) 450P Facing Foil	R0.8	25	1200	2400	10	240725
			1500			240726
			1500	3000	6	940706
	R1.2	38	1200	2400	6	240738
			1500	2400	6	240741
			1500	3000	4	940712
	R1.5	50	1200	2400	5	240750
			1500			240751
			1500	3000	3	940707
	R2.3	75	1200	2400	3	240775
			1500			240493
			1500	3000		940767
	R3.0	100	1200	2400	2	240798
			1500			240827
			1500	3000		940800
Sisalation Vapastop® 883 Facing Foil	R0.8	25	1500	2400	10	240732
				3000	6	940703
	R1.2	38	1500	2400	6	240742
				3000	3	940704
	R1.5	50	1500	2400	5	939740
				3000	3	940704
	R2.3	75	1500	2400	3	240186
				3000		940768
R3.0	100	1500	2400	2	240183	
			3000		940801	
Black Matt Facing Tissue (BMF)	R0.8	25	1200	2400	10	240525
	R1.5	50	1200	2400	5	240550
	R3.0	100	1200	2400	2	240601

Semi Rigid Blanket



FI32 Semi Rigid Rolls

Designed for use across a range of HVAC, light industrial and commercial insulation applications. It offers high thermal and acoustic performance at minimal thickness making it ideal for lining sheet metal ductwork, storage tanks, process vessels, appliance cabinets, plant rooms, curtain walling, spandrel panels and in the manufacture of acoustic baffles.

Made from 80% recycled glass using a thermosetting resin forming a semi-rigid roll, with optional facings adhered to on one side.

Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Refer to page 13 for product listing.



Facing	Material R-value	Nominal thickness mm	Width mm	Length m	m ² per roll	Product code
Unfaced	R0.8	25	1200	15	25	239125
	R1.2	38	1500	10	15	939254
	R1.5	50	1200	7.5	9	940150
	R1.5	50	1500	8	12	939851
	R1.5	50	1500	10	15	939251
	R2.3	75	1380	8	11	939752
		75	1500	7.5	11.3	940173
	R3.0	100	1380	5	6.9	945539
100		1500	5	7.5	945540	
Sisalation® Heavy Duty (HD) 450 Facing Foil	R1.5	50	1200	10	12	239350
Sisalation® Heavy Duty Perforated (HDP) 450P Facing Foil	R0.8	25	1380	12	16.5	939326
		25	1500	12	18	939727
	R1.2	38	1500	10	15	939258
	R1.5	50	1380	8	11	939852
		50	1500	8	12	239755
		50	1500	10	15	239751
	R2.3	75	1380	8	11	239776
		75	1500	7.5	11.3	940216
	R3.0	100	1380	5	6.9	945544
		100	1500	5	7.5	945541
Sisalation® Vapastop® 883 Facing Foil	R0.8	25	1380	12	16.5	939327
	R1.5	50	1380	8	11	939854
		50	1500	8	12	239955
	R2.3	75	1380	8	11	945760
	R3.0	100	1380	5	6.9	939855
Black Matt Facing Tissue (BMF)	R0.8	25	1500	12.0	18.0	239527
	R1.5	50	1500	10.0	15.0	239552
Sisalation® Heavy Duty Perforated Facing Foil with Mylar	R0.8	25	1380	12	16.5	939324
	R1.5	50	1200	7.5	9	239760
		50	1380	8	11	239756
	R2.3	75	1380	8	11	239775
	R3.0	100	1380	5	6.9	945545

Facing Selections

Ductwork Facing Selection Guide

				
	Acoustic ⁽¹⁾	Vapour Barrier	Condensation Control	Indoor Air Quality ⁽²⁾
Product and Description				
Sisalation® Vapastop® 883	★★★★★	★★★★★	-	★★★★★
 Sisalation® Vapastop® 883 Aluminium Facing Foil is a fully sealed continuous acoustic membrane (CAM) minimising the risk of fibres entering the duct's air stream. Ideal for applications where superior indoor air quality and NRC acoustic performance is required. Vapastop® 883 can sustain mechanical cleaning.				
Sisalation® Heavy Duty (HD)	★★★	★★★★	★★★★	-
 Sisalation® Heavy Duty (HD) Reflective Facing Foil delivers a superior water and vapour barrier providing long term durability against condensation. It is ideal for externally lagged ductwork where resistance to water vapour transmission is essential.				
Sisalation® Medium Duty (MD)	-		★★★	-
 Sisalation® Medium Duty (MD) Reflective Facing Foil delivers a water and vapour barrier providing long term durability against condensation. It is ideal for externally lagged ductwork where resistance to water vapour transmission is essential.				
Sisalation® Heavy Duty Perforated (HDP)	★★★★	-	-	-
 Sisalation® Heavy Duty Perforated (HDP) Reflective Facing Foil delivers superior NRC acoustic performance and is ideal for internally lined ductwork where noise minimisation is essential.				
Black Matt	★★★	-	-	-
 Black Matt Facing (BMF) is a light duty, economical facing which delivers an aesthetic solution for applications where the duct lining is visible. It is ideal for internally lined ductwork where noise minimisation is essential. It is unsuitable for mechanical cleaning.				

Features

-  Acoustic Control
-  Condensation Control
-  Indoor Air Quality Control
-  Thermal Control
-  Fire Resistant

Applications

-  HVAC Internal Duct Liner
-  HVAC External Duct Wrap
-  All-in-one Duct Board
-  Process Equipment Insulation
-  Wall Insulation
-  Plant Room Wall Insulation

Star Rating

- ★★★★★ Superior
- ★★★★ Very Good
- ★★★ Good

1) Refer to page 9 for NRC acoustic properties.

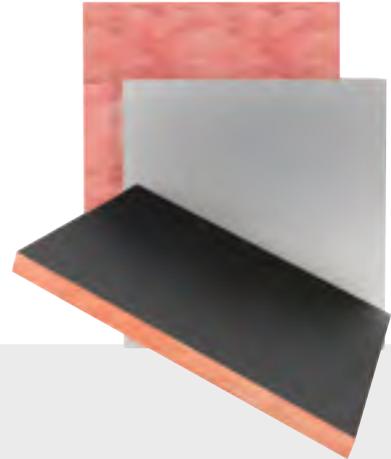
2) When Vapastop® 883 facing is applied, a fully sealed and continuous barrier prevents fibres entering the air stream.



FI48 Rigid Board

Designed for use as HVAC internal ductliner, insulating process equipment and plant room walls for applications requiring superior thermal and acoustic performance.

Made from 80% recycled glass using a thermosetting resin forming a 48kg rigid board, with optional facings adhered to one side.



Product information

- 10 year product warranty
- High-density 48kg/m³ glasswool
- Available in a range of facing options to suit various specification requirements
- Australian Made

Product stock and availability

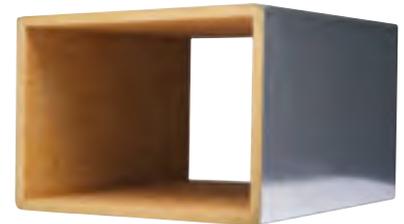
Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Facing	Material R-value	Nominal thickness mm	Width mm	Length mm	Pieces per pack	Product code
Unfaced	R0.8	25	1200	2400	8	245224
	R1.5	50	1200	2400	4	244251
			1500			245246
	R2.3	75	1200	2400	3	245275
			1500			244258
	R3.0	100	1200	2400	2	243100
Sisalation® Heavy Duty Perforated 450P Facing Foil	R1.5	50	1200	2400	4	245652
			1500			245554
	2.3	75	1500	2400	3	245776
	R3.0	100	1200	2400	2	243122
Black Matt Facing Tissue (BMF)	R1.5	50	1200	2400	4	245456
	R3.0	100	1200	2400	2	243102

Rigid Board



Ductboard®



Designed as a lightweight alternative ducting product to sheetmetal, it is used to fabricate an all-in-one duct system. Ductboard is also suitable for fabrication of cushion head boxes.

Made from a composite of 80% recycled glass using a thermosetting resin to form rigid board insulation. The insulation is a 96kg high density glasswool faced with Sisalation® Heavy Duty facing foil.

Product information

- 10 year product warranty
- High-density glasswool
- Australian Made

Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Facing	Material R-value	Nominal thickness mm	Width mm	Length mm	Density kg/m ³	Product code
Sisalation® Heavy Duty Standard (HD) 450 Facing Foil	R0.8	25	1200	3000	96	949253
	R1.0	33	1200	3000	96	949257



FI96 High Density Equipment Insulation (HDEI)



Designed for use for the fabrication of decorative acoustic panels, the acoustic treatment of plant rooms and light industrial equipment operating at temperatures up to 340°C and in applications requiring excellent compressive strength and high sound transmission loss.

Made from 80% recycled glass using a thermosetting resin forming a dense rigid glasswool insulation board.

Product information

- 10 year product warranty
- Australian Made

Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Material R-value	Density	Nominal thickness mm	Width mm	Length m	Product code foil/foil facing
R0.8	96	25	1200	3	945652
R1.5	96	50	1200	3	945651

Fire Dampers

Designed for applications where fire protection is required between fire dampers and a fire rate section of a building.

Made from natural mineralised rock fibres.



Product information

- 64kg/m³ Density
- Cost effective fire insulation
- Non-combustible in accordance with AS/NZS1530 Part 1
- Achieves 2 hour fire resistance
- Provide excellent resistance to shrinkage at high temperatures
- Fire performance is not adversely affected by contact with water
- Non-corrosive highly durable insulation material
- Easy to cut and install into tight applications
- Bio-soluble mineral wool and safe to use

Product and stock availability

Please check all stock availability with your local Fletcher Insulation representative.

Product stock varies and not all products are stocked in every Fletcher Insulation location.

Product	Nominal thickness mm	Width mm	Length mm	Pieces per pack	Product code
Party Wall Batts	100	168	1200	10	338005
	50	200	1000	3	338006
Fire Strip	13	225	1000	60	338008
Fireseal	13	225	750	60	338001

Facing Foils



Sisalation® Facing Foils

Designed for use as a vapour barrier in the lining of air conditioning ducts, lagging pipes and vessels or as a reflective facing for glasswool substrates.

Made from double sided reflective aluminium foil, double layered high density kraft paper. HD option is reinforced by yarn.



Product information

- 10 year product warranty
- Perforated option maximises the acoustic absorption properties of glasswool insulation
- Provides an effective vapour barrier
- Strong, tear and scratch resistant
- Aids in the prevention of condensation

Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Product	Width mm	Length m	m ² per roll	Roll weight kg	Product code
Sisalation® Heavy Duty Facing Foil 450	1000	60	60	21	952136
	1200	60	72	25.1	952154
	1200	300	360	126	952148
	1350	60	81	28.3	952160
Sisalation® Heavy Duty Perforated Facing Foil 450P	1200	300	360	130	952151
	1200	600	720	225.8	952163
	1350	60	81	30	952182
	1350	300	405	150	952178
	1380	600	828	247	952207
	1500	300	450	165	952198
	1500	600	900	282	952204
Sisalation® Vapastop® 883	1200	605	726	49	988346
	1200	690	828	55	988356
	1200	860	1032	70	988364
	1350	500	675	45.6	988331
	3000	68	204	13.7	988354

Pipe Acoustic Lagging

Designed for pipe lagging of Hydraulic and waste water pipes, air-conditioning ducting and shrouds, to reduce noise from pipes, valves, fan housings and ductwork in commercial, industrial and domestic buildings.

Made from reinforced aluminium foil skin applied to a 5kg/m² flexible loaded vinyl barrier backed with 25mm thick convoluted, hydrolysis resistant, acoustic foam.



Product information

- Also known as Soundlag 4525C
- Pipe and duct lagging applications
- Maximises noise control by providing high sound absorption (reverberation control) and superior transmission loss
- Highly flexible, allowing it to conform to the smallest diameter pipes and bends (has no memory)
- Conforms well to corners and irregular surfaces
- Broad operating temperature range, maximum 120°C
- High resistance to heat flow (i.e. low thermal conductivity)
- Reduces the noise in hydraulic and waste pipes by up to 25dB(A)
- Easy to cut and install into tight applications

Product stock and availability

Lead times will apply. Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Barrier weight kg/m ²	Thickness mm	Width mm	Length m	m ² per roll	Roll weight kg	Rolls per pallet	Product code
5	25	1350	5	6.70	30	50	330025
5	25	1350	3	4.05	18	50	330026

Acoustic Example

Water waste pipe



Acoustic Barriers

Loaded Vinyl Barrier

Designed for use in applications where space may be limited to reduce unwanted noise transmission through ceilings, walls, floors, office partitions, machinery enclosures and/or ductwork. Can also be draped to make portable acoustic curtains and screens.

Made from foil faced, heavy mass-loaded vinyl noise barrier with a reinforced fabric backing.



Product information

- Easy to cut and fabricate around pipe penetrations, ducting and cabling
- High tensile strength, resistant to tearing
- Free from lead, odour-producing oils and bitumen
- Excellent fire retardant properties
- Easy to cut, sew and mechanically fasten into position
- Resistant to most chemicals, solvents and petrol
- Safe to use with allergy sufferers due to low VOC
- Reduces sound transfer from the external roof environment into the building (i.e. rain/overhead traffic)
- Ideal for home theatre rooms, office partitions and meeting rooms
- Can be wrapped around noisy pipes, i.e. fluid or gas pulsation in chemical, petrochemical and waste water treatment plants
- Can be laminated onto lightweight structures to dampen vibration and reduce airborne noise

Product stock and availability

Lead times will apply. Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Barrier weight kg/m ²	Thickness mm	Width mm	Length m	m ² per roll	Roll weight kg	Rolls per pallet	Product code
4	2.0	1350	5	6.7	27	20	330014
6	3.0	1350	5	6.7	41	20	330006
8	4.0	1350	5	6.7	54	30	330008

Vapastop® 883 Reinforced Foil Tape

Designed for use with Sisalation® products to create a vapour sealed joint.

Made from laminated polyethylene film, polyethylene fibre mesh and aluminium foil.



Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Width mm	Length m	Rolls per carton	Product code
24	50	48	318039
48	50	24	318040
63	50	16	318080
72	50	16	318085
96	50	12	318086
120	50	8	318502
144	50	8	318501

Plain Foil Tape

Designed for use with Sisalation® products to create a vapour sealed joint.

Made from dead soft aluminium foil with synthetic rubber/resin on one side.



Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Width mm	Length m	Rolls per carton	Product code
48	50	24	318400
72	50	16	318405
96	50	12	318410

Hints

- Ensure surface is clean and free from dust and oil residue, clean with turpentine for best results before applying
- When taping joints, use a plastic squeegee to assist in applying an appropriate amount of pressure along the seam of the tape

Tapes

Double Sided Cloth Tape

Designed for use as a temporary installation aid for holding Sisalation® foil to metal framing and purlins.

Made from P.E. coated polyester, cotton cloth with synthetic rubber/resin on both sides.



Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Width mm	Length m	Rolls per carton	Product code
24	23	36	318050
48	23	20	318030

Sisalation® MD 440WF White Tape

Designed for use with Sisalation® white faced products to seal joints.

Made from laminated polyethylene film, bonded to paper with synthetic rubber/resin on one side.



Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Width mm	Length m	Rolls per carton	Product code
96	50	12	318611

Black Tape

Designed for use with Sisalation® black faced products to seal joints.

Made from laminated polyethylene film, reinforced scrim, white inked finish with synthetic rubber/resin on one side.



Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Width mm	Length m	Rolls per carton	Product code
48	50	24	318349
72	50	16	318498

Foster® Sealfas®

Designed for use as a brush-on or spray adhesive for laminating fibrous insulation, scrims and foils. It is a white, fire resistive and durable. The final surface can be washed free of grease, oil and soot and ideal indoor coating for thermal insulation.

Made from water based adhesive composite of C14-17, chlorinated paraffin and titanium dioxide.



Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.

Description	Litres per pail	Product code
Foster® Sealfas® Coating 30-36	4	334055

Spray Grade Polystyrene Adhesive

Designed for use as a spray grade for bonding expanded polystyrene foam and lightweight fibreglass insulation to use with steel, aluminium, galvanised iron, wood, hardboard, particleboard, cement sheet, concrete, masonry, and reinforced plastics. It has excellent green strength, flexibility and good heat resistance.

Made from

Hexane composite.

Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.



Description	Litres per pail	Product code
1830 Sprayable Adhesive	20	334205

High Tack Sprayable Adhesive

Designed for use as a spray grade for bonding lightweight fibreglass wool and polystyrene foam to reflective foil in the insulation. It has strong tack strength which is open for a long time, flexibility and good temperature resistance.

Made from

Hexane composite.

Product stock and availability

Please check stock availability with your local Fletcher Insulation representative. Product stock varies and not all products are stocked in every Fletcher Insulation location.



Description	Litres per pail	Product code
High Tack Sprayable Adhesive	20	334052

Get in touch with us



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