



PRODUCT GUIDE

High performance residential and commercial insulation solutions for Australia

Effective 1st May 2025



REDUCES ENERGY BILLS



MADE WITH RECYCLED GLASS



LOW CARBON



NON COMBUSTIBLE



THERMAL PERFORMANCE



ACOUSTIC PERFORMANCE



SOFT HANDLING



FREE FROM HARMFUL INGREDIENTS

Build on us.

INSULATION WITHOUT COMPROMISE

**The world demands more from buildings.
You should demand more too.**

Insist on insulation without compromise.

Products that do more while using less.
Not just thermal comfort, but contributing to fire safety, sustainability, environmental health and peace and quiet too.

The complete package.
Not just high-performance products, but a service offering that supports every stage to make quality construction easier.

Global expertise, delivered locally.
The best of insulation innovation, but customised to specific country and customer needs.

**For insulation without compromise,
choose Knauf Insulation.**



Build on us.

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1.1 Innovation and Production

Made possible by the largest and most advanced manufacturing facility in Asia-Pacific.

Knauf Insulation is one of the largest insulation manufacturers in the world with over 40 factories worldwide, and the most advanced insulation manufacturing facility is right here in Asia-Pacific.

Meeting the demand

Using German technology with decades of experience in insulation manufacturing, the €120 million state-of-the-art facility located in Johor, Malaysia produces up to 75,000 tonnes of insulation per year - supporting the region's soaring demand for quality insulation that offers warranted performance, sustainability and ease of handling.

Made of innovation

The factory uses the latest Knauf Insulation proprietary technology in the manufacturing process which has allowed Knauf Insulation to build innovation into every stage of the process.

It starts with our new-generation melter that can process more grades of recycled glass and produces higher quality fibres which are bound using ECOSE® Technology, a plant-based binder that contains no added formaldehyde. Combined with TwinTech® Technology - a dual forming technique that enables thicker products for advancing building code requirements. TwinTech also ensures there is a smooth finish on both sides of the insulation for optimal product handling and appearance.

Wrapped with our advanced compression packaging process and you've got insulation products that are made of innovation from start to finish.

Serving Australians for over 15 years

Recognising that Australia has unique climatic conditions and specific insulation requirements, Knauf Insulation provides a range of products to suit local construction methods and proven solutions to provide comfort and energy efficiency in Australian buildings.

The entire product range has been customised to meet the specific requirements of residential and commercial markets in the region for new and existing buildings to meet the latest compliance guidelines of the National Construction Code (NCC).



1.2 Why Knauf Insulation Glasswool?

At Knauf Insulation we believe you should not need to compromise on your insulation. We provide products that do more using less.



High Performance

- Thermally efficient for more comfortable buildings year-round.
- Reduces energy used for heating and cooling.
- Absorbs sound to minimise unwanted noise transmission through external and internal walls.
- Naturally non-combustible for optimised fire safety.



Creating Healthier Buildings

- Made with ECOSE® Technology - unique plant-based binder with no added formaldehyde.
- Low-VOCs, certified to the highest Eurofins Indoor Air Comfort Gold standard.
- Certified by DECLARE as Red List Free - does not contain any harmful or unhealthy chemical ingredients.
- Contributing credits for well-being to Green Building Rating Systems such as the Living Building Challenge, LEED, GreenStar and WELL.



Easier to Install

- Super-soft and easier to handle compared to traditional glasswool.
- Easy to cut to size.
- Less dust.
- Low itch.
- No odour.



Less Transportation and Handling

- Compression packaging using Knauf Insulation technology.
- Compression ratio of up to 10:1 in terms of volume of space which can be insulated compared to the volume of the packaged product.
- Less transport required and less handling.
- Less room required for storage.

KNAUF Knauf Insulation is part of the Knauf Group, a global market leader in the field of sustainable lightweight construction.

■ Knauf Group

>€16bn
turnover

41,500+
employees worldwide

300
plants & offices

90+
countries



■ Knauf Insulation

>€2.5bn
turnover

6000+
employees worldwide

28
plants & offices

40+
countries

1.3 Features and Benefits of Knauf Insulation Glasswool

From manufacture to installation, there is innovation at every stage.



THERMALLY EFFICIENT

The **thermal properties** of Knauf Insulation glasswool products act as a barrier to the outside elements to limit heat loss in winter and heat gain in summer through your roofs, walls and floors. Buildings stay at a comfortable temperature all year-round.



MADE USING RECYCLED GLASS

Our insulation is made from **up to 80% recycled glass**. Our new generation furnace uses more grades of glass than glass furnaces, taking more waste out of our environment.



SUSTAINABLY MANUFACTURED

ECOSE® Technology is a sustainable, plant-based binder with **no added formaldehyde**. The natural, earthy brown colour comes from no added dyes or colours.



COST SAVING

By insulating a building properly, energy can be saved from the air-conditioning system when cooling a warm building and when heating during winter. Knauf Insulation glasswool **saves energy and saves money**.



NON-COMBUSTIBLE

Knauf Insulation glasswool is certified as **non-combustible** and will not contribute to fire spread.



SOUND ABSORBING

Knauf Insulation glasswool products will improve the **acoustic performance** of the building in which they have been installed by absorbing the transfer of unwanted noise from external sources and between adjoining rooms, helping create peaceful and quiet buildings.



COMPRESSION PACKED

Our industry leading **compression packaging technology** enables us to compress our insulation with up to 10:1 ratio in terms of volume of space which can be insulated compared to the volume of the packaged product. This means less handling, less storage space, less packaging used and less transport.



NO HARMFUL INGREDIENTS

Knauf Insulation products have been awarded the Declare Red List Free label, where 100% of the ingredients are disclosed and **do not contain any Red List chemicals**.



RIGIDITY

Offering higher rigidity, making it easier for installers to handle during installation. **Manufactured with TwinTech® Technology**, an innovative process which gives the insulation a smooth finish on both sides.



LOW VOCs

Knauf Insulation glasswool is supported by **Eurofins Indoor Air Comfort Gold** certification as an 'outstanding material' with low levels of VOCs (Volatile Organic Compounds) according to Indoor Air Quality Emissions certification.



EASY TO HANDLE

Our insulation is **super-soft, making it easier to handle and install**. There's no odour, less dust and less itch than traditional glasswool insulation.



1.4 A New Vision of Sustainability

At Knauf Insulation, sustainability is at the heart of everything we do. This is why we have embedded sustainability across our products, operations, and business strategy. Our products reduce energy usage, harmful emissions, and are designed to make sure buildings are good for both people and the planet.

We are focused on zero harm, reducing our energy use and emissions, recycling our production waste, incorporating circular economy principles and constantly campaigning for better and more sustainable buildings.

- 2009**
We launched our unique plant-based binder, ECOSE® Technology
- 2010**
We set 2020 targets for the reduction of waste, energy use, carbon emissions and Lost Time Accidents
- 2014**
We reduced our waste to landfill by 50%
- 2015**
We achieved our 2020 target of cutting water discharge by 50%
- 2016**
We achieved our -20% CO₂ emissions and -20% energy use
- 2018**
We aligned with the UN Sustainable Development Goals



- 2020**
We launched our **For A Better World** strategy
- 2025**
We work towards achieving mid-term targets towards our long term goals

FOR A BETTER WORLD

PUT PEOPLE FIRST
Ensure our communities & people thrive. Safely.

ACHIEVE ZERO CARBON
Minimise the impact of our products and plants.

DELIVER A CIRCULAR ECONOMY
Do more with less.

CREATE BETTER BUILDINGS
Make buildings fit for the future.

2032
We aim to achieve our For A Better World targets:

-50%
Scope 1 & 2* emissions

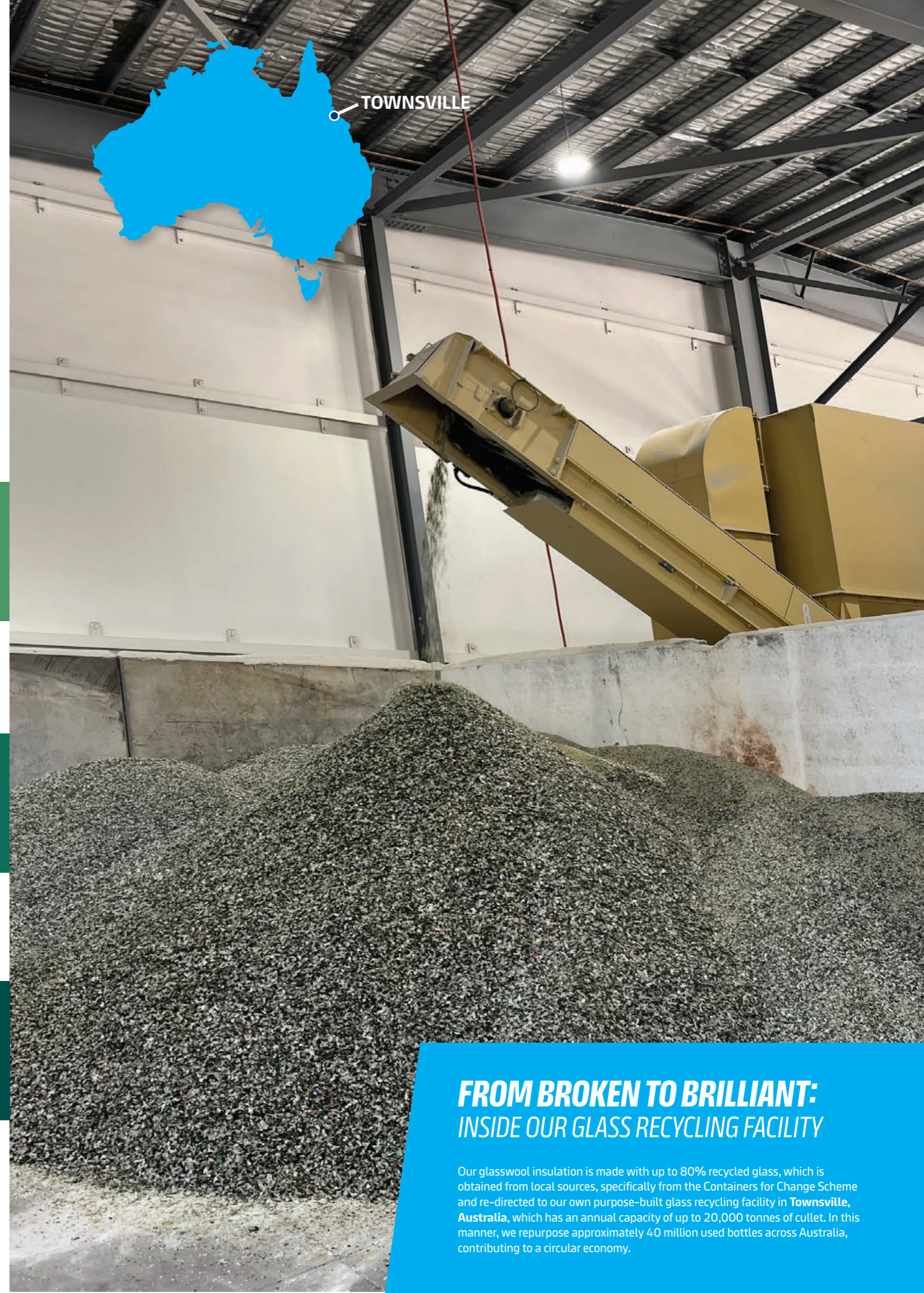
-30%
Scope 3* emissions

ZERO
Products containing red listed chemicals

ZERO
Waste to disposal

-2%
Yearly water withdrawals

***Scope 1** emissions are direct emissions made by Knauf Insulation.
Scope 2 emissions are indirect emissions released by the generation of energy purchased by Knauf Insulation.
Scope 3 emissions are indirect emissions made during inbound and outbound activities of the company.



FROM BROKEN TO BRILLIANT: INSIDE OUR GLASS RECYCLING FACILITY

Our glasswool insulation is made with up to 80% recycled glass, which is obtained from local sources, specifically from the Containers for Change Scheme and re-directed to our own purpose-built glass recycling facility in **Townsville, Australia**, which has an annual capacity of up to 20,000 tonnes of cullet. In this manner, we repurpose approximately 40 million used bottles across Australia, contributing to a circular economy.

1.5 The ECOSE® Difference



Since 2009, all of our glasswool products have been manufactured with ECOSE® Technology, a unique plant-based binder that creates an environmentally superior product.

Make the ECOSE® difference

Low carbon for better buildings

Our products made with ECOSE® are free of harmful materials known to pose serious health risks and have been awarded the DECLARE 'Red List Free' label, the first glasswool products in Australia to achieve this status. Our products were also the first to be awarded the Eurofins Indoor Air Comfort Gold certification, the highest standard possible, showcasing compliance with low-VOCs emission requirements.

Breathe the ECOSE® difference

Low VOC for improved indoor air quality

Compared to traditional binders, ECOSE® has a lower upfront carbon footprint as it is predominantly plant-based and is made from rapidly renewable sources, making it a low-carbon binder and reducing the embodied carbon of our products that use it. This improves the embodied carbon and overall sustainability of buildings where our glasswool products with ECOSE® are incorporated, assisting in the creation of lower carbon buildings.

Trust the ECOSE® difference

15 years of proven performance for better buildings

For more than 15 years, ECOSE has been making a difference. Products made with ECOSE meet some of the most stringent International standards, helping create better buildings for occupiers, installers and for the planet.

Feel the ECOSE® difference

Easier to handle for a better experience

With no added harmful chemicals, glasswool with ECOSE® generates very low levels of dust, making it soft to touch and handle, odourless and significantly improves the installer experience. Our customers regularly tell us that our products with ECOSE® are less itchy and irritating compared to other products with traditional binders. No added dyes or artificial colours ensures a distinctive, natural brown colour that differentiates our glasswool insulation from the rest.



Traditional Non-ECOSE® glass mineral wool insulation



With ECOSE®



Embedding Sustainability into our Products



1

RAW MATERIALS

Conserving natural resources

Our glasswool insulation contains up to 80% recycled glass, minimising the need for virgin materials. Made using natural raw materials that are rapidly renewable, our ECOSE® Technology binder is up to 70% lower in upfront carbon than traditional binders.



2

MANUFACTURING

Reducing the environmental impact of our own processes

We maintain high-quality standards and prioritise the environment, achieving ISO 9001, ISO 14001 and ISO 50001 certifications. We minimise waste, recycle extensively, and aim for zero waste to landfill.



3

PACKAGING

Maximising our packaging to minimise our carbon footprint

Our compression technology maximises packaging efficiency, reducing total packaging required, reducing overall storage space and making it easier to handle products on site. We are also improving the recycled content in our packaging and reducing our carbon footprint.



4

DISTRIBUTION

Delivering product efficiently

We deliver our products with compression packaging, which reduces the number of trucks on the road, less carbon emissions, and further decreases transport-related storage space.



5

BUILDING

Creating high performance, comfortable & healthy building environments

Our glasswool products have been awarded the Eurofins Indoor Air Comfort Gold Certificate, demonstrating their low levels of Volatile Organic Compounds (VOCs) for improved indoor air quality. They are also formaldehyde free, as demonstrated by our Declare Red List Free certification.

1.6 Certifications

Knauf Insulation glasswool products meet stringent performance standards and are certified by industry recognised entities to give confidence for use in buildings.

ENHANCED QUALITY ASSURANCE



ISO 9001: QUALITY MANAGEMENT CERTIFICATION

All of our products are made within the ISO 9001 quality management system ensuring that we deliver consistent performance, quality and service across our entire product range.



BRANZ APPRAISED

Our products are BRANZ Appraised to demonstrate that they are fit for purpose and meet Building Code performance requirements.



CODEMARK™

Our products are CodeMark™ certified, providing confidence to regulatory authorities and end-users that they meet the requirements of the Australian Building Code.

ENHANCED FIRE SAFETY



CERTIFIED NON-COMBUSTIBLE TO AS/NZS 1530.1

Independent third-party certification provides added assurance for building designers demanding non-combustible products for enhancing the fire safety of their buildings.

BIO-SOLUBLE AND SAFE TO USE



EUCEB CERTIFIED

All of our products are EUCEB certified demonstrating that they are bio-soluble and are safe to use.



ISO 45001: OH&S MANAGEMENT

All of our products are manufactured in accordance with the ISO 45001 Occupational Health & Safety Management system, demonstrating our commitment to worker health & safety.



To learn more about product certification, scan the QR code or visit knauf.com

NO HARMFUL CHEMICALS

Declare.



CERTIFIED DECLARE RED LIST FREE

The Declare label on our products demonstrates our commitment to transparency and is provided for products which declare 100% of their ingredients.

The Red List Free label confirms that no ingredients are added to our products which are on the Living Building Challenge (LBC) Red List of "worst in class" materials, chemicals and elements known to pose risks to human health.

BEST-IN-CLASS LOW EMISSIONS FOR OPTIMUM INDOOR AIR QUALITY



EUROFINS GOLD CERTIFICATE FOR INDOOR AIR COMFORT

Our products have been awarded the Eurofins Gold Certificate for Indoor Air Comfort which is designed to demonstrate products with the best-in-class low levels of Volatile Organic Compound (VOC) emissions.

LOW ENVIRONMENTAL IMPACT



GLOBAL GREENTAG CERTIFIED GREENRATE™ LEVEL A CERTIFIED

Knauf Insulation glasswool is the first glasswool insulation in Australia to have GreenRate™ Level A certification, demonstrating they meet the toughest standards for health, eco performance and safety; and are also eligible for a range of credits within the GreenStar building rating scheme.



ISO 14001: ENVIRONMENTAL MANAGEMENT

All of our products are manufactured in accordance with the ISO 14001 Environmental Management system, demonstrating our commitment to minimise our impact on the environment.



ISO 50001: ENERGY MANAGEMENT

All of our products are manufactured in accordance with the ISO 50001 Energy Management system, demonstrating our commitment to conserving resources and minimising the impact of our processes through efficient energy management.

2. Service Guidelines

Pack

- Single package of batts or roll
- Bound together by a MasterBag



MasterBag

- A MasterBag is a package of multiple packs



SupaKube

- A 'cube' approximately 1200mm x 1200mm x 2400mm
- Consists of one product type stacked in multiple MasterBags



As part of our ongoing commitment to exceptional Customer Service the following delivery options are available:

Full Container Load



- 5-6 week lead time
- Single or two products
- 20 SupaKubes per container
- Lowest pricing

Full Truck Load



- 72 hour lead time
- Single or multiple products
- 20 SupaKubes per truck
- Only for container customers

Customer Pick-Up

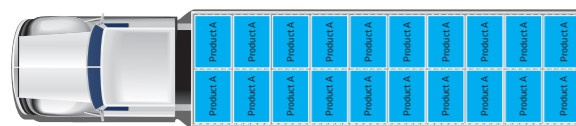


- 48 hour lead time
- Single or multiple products
- Minimum 10 SupaKubes
- Advantageous pricing
- Only for container customers

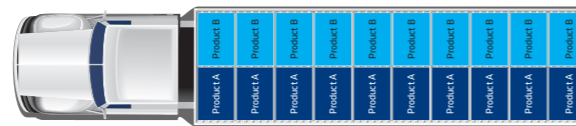
FCL

Full Container Load

An order consisting of up to 20 SupaKubes of a single or two products, delivered in a container. This option attracts optimal purchasing terms and requires a 5-6 week lead time from purchase order date for batts and rolls, and 12-16 weeks for blow-in products. A surcharge may apply for delivery to non-metropolitan locations. Contact our Customer Service Team for more information.



Single Product

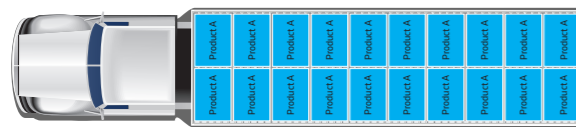


Two Products

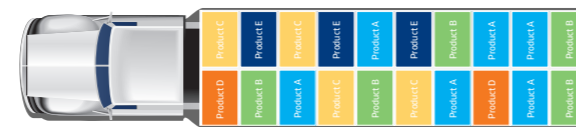
FTL

Full Truck Load

An order consisting of 20 SupaKubes of single or multiple products, delivered on a 45ft Tautliner. This service offer provides additional flexibility as it allows for a wide range of products to be delivered from our national network of warehouses in a 72 hour lead time. The minimum order quantity for deliveries is 20 SupaKubes. For more than one product, a Mixed Load Surcharge will apply. (see ordering options 3b on opposite page)



Single Product



Multiple Products

CPU

Customer Pick-Up

A pick-up from our national warehousing network attracts advantageous pricing and has a minimum order quantity of 10 SupaKubes with a 48 hour lead time.

3. Ordering Options

To help ensure a seamless and efficient ordering experience, the following guidelines are provided:

- Product Load Calculator** for delivery orders is available from Customer Service to assist customers with calculating the quantity of product inside a container or truck.
- Mixed Load Surcharge:** A 300AUD fee will be charged for Mixed Loads based on the additional requirements for handling and loading.
- Remote Area Transport Surcharge:** A delivery fee will be calculated for remote area delivery based on your geographic location. Delivery fees will be pre-agreed with customers prior to dispatch. This fee will vary depending on the location.
- Delivery Lead Times, Process and Loading of Tautliner:** All deliveries are made within 72 hours after the order is confirmed – as long as the order is received prior to 10am (QLD time).
 - Urgent deliveries will be priced on application (POA). An urgent delivery is a delivery which is required within 24 hours of the order and may incur an additional transport surcharge.
 - Once the order is received and confirmed, our Customer Service Team will contact you to confirm delivery details.
 - Deliveries are conducted Monday to Friday during normal business hours.
 - It is not standard policy to deliver on weekends however, for urgent weekend requests they will be subject to availability and priced on application (POA).
 - Cash customers must pay 72 hours prior to delivery.
 - Deliveries can only be made to approved customer locations.
- Restocking:** For orders which have been delivered, a fee of 50% of the invoice price will be charged plus the cost of transport. For all returns the following conditions must apply:
 - Products being returned must be in the original condition.
 - Collection must be requested within two weeks of the original delivery being made.
 - Please contact our Customer Service Team for further information.
- Unloading Responsibilities:** It is the responsibility of the customer to unload the Tautliner or container in a timely manner. Additional charges may be incurred if a Tautliner must wait in excess of 30 minutes or a container is not emptied within 48 hours.
- Order Confirmations and Invoices:** All orders must be accompanied by a formal Purchase Order (including business details, delivery address and pricing). We will confirm your order in writing with a copy of the delivery note.

- you receive. We ask that any queries you may have are immediately directed to our Customer Service team. Should you have any queries regarding your invoice or any fees you must contact Customer Service within 48 hours of receipt.
- Cancellation of Full Container Order:** Once confirmed by Customer Service, the cancellation of a container order will incur a 10% cancellation fee for 'standard' products. For 'custom made' products, a 30% fee will be incurred – refer to the Product Load Calculator for the status of each SKU.
- Cancellation of truck or pick-up order:** All orders that have been confirmed cannot be cancelled without incurring a charge of 10% for standard products and 40% for custom products.
 - For all orders where delivery has commenced the order cannot be cancelled without incurring the full transport cost (including the return of product back to Knauf Insulation's designated storage).
- Customer Service and Sales:** Information regarding your orders and details of dispatch can be obtained from Customer Service between the hours of 8.30am - 5pm (QLD time) Monday to Friday.
- Container reports:** Knauf Insulation is committed to providing customers with the latest information on active orders and distributes regular container reports to customers advising the status of each order and expected delivery.
 - Telephone: (07) 3393 7300
 - Email: orders.australia@knaufinsulation.com
- Technical Advisory Centre:** Knauf Insulation provides comprehensive technical support to assist insulation stockists, specifiers and users. Our expert staff will be pleased to provide further information and advice on all aspects of Knauf Insulation products and applications.
 - Telephone: (07) 3393 7300
 - Email: tech.au@knaufinsulation.com

Other enquiries

Our website www.knauf.com hosts a wealth of product and company information, if you can't find what you are looking for and need some general assistance email info.australia@knaufinsulation.com or call (07) 3393 7300.

Contact

Monday - Friday | 8.30am - 5pm (QLD time)

orders.australia@knaufinsulation.com

(07) 3393 7300










We ask that you check all delivery note details you receive carefully as they will reflect what appears on the invoice

4. Application Finder









To find the insulation best suited for you and your application, use our quick and easy product finder.

- Residential applications
- Commercial applications
- Blow-in insulation












ROOFS AND CEILINGS

	Earthwool® Ceiling batt		Page 18
	Knauf Insulation Roof blanket (Unfaced)		Page 28
	Knauf Insulation Space Blanket® (Foil faced)	 	Page 30
	Knauf Insulation Ceiling batt		Page 32

BLOW-IN WOOL (for accredited installers only)

	SprayWool Thermal and Acoustic	  	Page 37
<i>Also suitable for: Multi-Level and Fire Corridors</i>			
	Supafil® Loft		Page 38
	Supafil® CarbonPlus		Page 39






WALLS

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	Knauf Insulation External Wall batt	 	Page 33
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	Earthwool® DriTherm® Cavity slab		Page 36

UNDERFLOOR

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	Earthwool® Quilted Underfloor batt		Page 24

MULTI-USE

	Earthwool® Multi-Use roll	   	Page 26
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Earthwool® Ceiling batt



EARTHWOOL®
the feel good glasswool insulation



SPECIFICATIONS

The Earthwool® Ceiling batt range includes a selection of R-values to provide builders, designers, installers and DIYers the opportunity to choose the best thermal performance for their project. Up to 35% of heat loss and gain in a home occurs through ceilings*. Earthwool® Ceiling batts will improve the thermal comfort and energy efficiency of the building in which it has been installed thus keeping it cool in summer and warm in winter.

*Source: www.yourhome.gov.au/passive-design/insulation



BENEFITS

- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ Non-combustible
- ✓ TwinTech® - smooth finish on both sides
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed - more product per pack



PERFORMANCE

Thermal	AS/NZS 4859.1 (2018)
Fire Hazard Properties (AS/NZ 1530.3)	Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 2-3
Water vapour sorption (ASTM C665-17)	Less than 5% by weight
Microbial Growth (ASTM C665-17)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (AS 1530.1)	Non-combustible



PRODUCT FEATURES



CERTIFICATIONS



Please scan QR code to view all documents for this product.



BASIC

Product Code	R-Value (m²K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
731840	3.5	0.050	175	430	1160	8.5	17	6	5
731838	3.5	0.050	175	580	1160	11.4	17	5	4
731832	4.0	0.049	195	430	1160	7.5	15	6	5
731830	4.0	0.049	195	580	1160	10.1	15	5	4

HIGH

Product Code	R-Value (m²K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
2437543	5.0	0.042	210	430	1160	5.5	11	5	5
760054	5.0	0.042	210	580	1160	7.4	11	5	4
838378	5.0	0.046	230	430	1160	5.5	11	5	5
840408	5.0	0.046	230	580	1160	7.4	11	5	4
2437545	6.0	0.046	275	430	1160	5.5	11	5	5
760108	6.0	0.046	275	580	1160	7.4	11	5	4

SUPERIOR (SINGLE LAYER)

Product Code	R-Value (m²K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
832448	7.0	0.047	330	460	1160	4.3	8	5	5
836829	7.0	0.047	330	620	1160	5.8	8	5	4

ULTIMATE (SINGLE LAYER)

Product Code	R-Value (m²K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
840410	8.0	0.043	350	460	1160	3.7	7	4	5
840412	8.0	0.043	350	620	1160	5.0	7	4	4

Earthwool® Wall batt



EARTHWOOL®
the feel good glasswool insulation



SPECIFICATIONS

The Earthwool® Wall batt range includes a selection of R-values to provide builders, designers, installers and DIYers the opportunity to choose the best thermal performance for their project. Earthwool® Wall batt will also absorb the transfer of unwanted sound from outside to inside the building. Up to 25% of heat loss and gain in a home occurs through wall*. Earthwool Wall batt will improve the thermal comfort and energy efficiency of the building in which it has been installed thus keeping it cool in summer and warm in winter.

*Source: www.yourhome.gov.au/passive-design/insulation

75mm FRAME

Product Code	R-Value (m²K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
683634	2.0 HD	0.037	75	430	1160	10.0	20	5	5
776380	2.0 HD	0.037	75	580	1160	13.5	20	5	4

90mm FRAME

Product Code	R-Value (m²K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
2437525	2.0	0.045	90	430	1160	16.0	32	5	5
2437528	2.0	0.045	90	580	1160	21.5	32	4	4
2437532	2.5 HD SoundShield	0.036	90	430	1160	7.0	14	5	5
760109	2.5 HD SoundShield	0.036	90	580	1160	9.4	14	5	4
256736	2.7 SHD SoundShield Plus	0.033	90	430	1160	5.0	10	5	5
251511	2.7 SHD SoundShield Plus	0.033	90	580	1160	6.7	10	5	4

110mm FRAME

Product Code	R-Value (m²K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
851328	3.1 HD SoundShield Plus	0.035	110	430	1160	5.0	10	5	4
853934	3.1 HD SoundShield Plus	0.035	110	580	1160	6.7	10	5	4

140mm FRAME

Product Code	R-Value (m²K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
683675	4.0 HD SoundShield Plus	0.035	140	430	1160	4.5	9	5	5
683664	4.0 HD SoundShield Plus	0.035	140	580	1160	6.1	9	4	4

HD = High Density, SHD = Super High Density

BENEFITS

- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ Non-combustible
- ✓ TwinTech® - smooth finish on both sides
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed - more product per pack

PERFORMANCE

Thermal	AS/NZS 4859.1 (2018)
Fire Hazard Properties (AS/NZ 1530.3)	Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 2-3
Water vapour sorption (ASTM C665-17)	Less than 5% by weight
Microbial Growth (ASTM C665-17)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (AS 1530.1)	Non-combustible

PRODUCT FEATURES



CERTIFICATIONS



Please scan QR code to view all documents for this product.



Earthwool® FloorShield Underfloor batt



EARTHWOOL
the feel good glasswool insulation



SPECIFICATIONS

Earthwool® FloorShield Underfloor batt is manufactured from durable, silicone coated glasswool and has a glass veil facing, providing a wind-wash barrier. The wind-wash barrier provides protection from air movement under the floor to ensure the insulation will perform as per the stated R-value*.

*BRANZ research has shown the impact of wind-wash on exposed sub-floor insulation can reduce the thermal performance by 25%. Source: www.buildmagazine.org.nz/index.php/articles/show/wind-and-floor-insulation

FLOORSHIELD BATT

Product Code	R-Value (m ² K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m ²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
764622	2.5	0.036	90	420	1160	5.4	11	5	5



BENEFITS

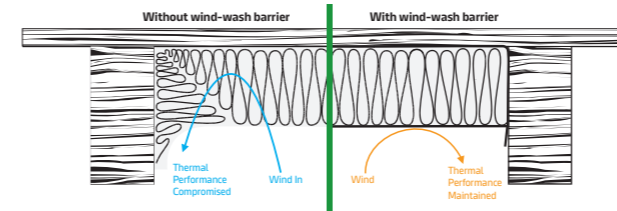
- ✓ Wind-wash barrier - protection from air movement
- ✓ Can be stapled in place
- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ Non-combustible*
- ✓ TwinTech® - smooth finish on both sides
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed - more product per pack



PERFORMANCE

Thermal	AS/NZS 4859.1 (2018)
Fire Hazard Properties (AS/NZ 1530.3)	Ignitability: 0 Spread of Flame: 0 Heat Evolved: 0 Smoke Developed: 0-1
Water vapour sorption (ASTM C665-17)	Less than 5% by weight
Microbial Growth (ASTM C665-17)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (AS 1530.1)**	Non-combustible

*glasswool only
**the above data excludes the facing



PRODUCT FEATURES



CERTIFICATIONS



Please scan QR code to view all documents for this product.



Earthwool® Quilted Underfloor batt



EARTHWOOL®
the feel good glasswool insulation



SPECIFICATIONS

Earthwool® Quilted Underfloor batt is manufactured from durable silicone coated glasswool and is completely wrapped in a breathable plastic film, providing a wind-wash barrier. The wind-wash barrier provides protection from wind travelling through the floor. Adding to the already easy to handle and install qualities of Earthwool® insulation, the plastic film allows for the insulation to be stapled in place. Earthwool® Quilted Underfloor batt will improve the thermal comfort and energy efficiency of the building in which it has been installed thus keeping it cool in summer and warm in winter.



BENEFITS

- ✓ Can be stapled in place
- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed - more product per pack



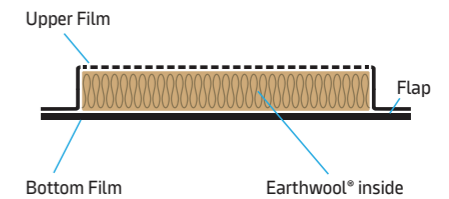
PERFORMANCE

Thermal Thermal conductivity: Thermal resistance:	ASTM C 518 and AS/NZS 4859.1: 2002 ASTM C 653 and AS/NZS 4859.1: 2002
Fire Hazard Properties (AS/NZ 1530.3)*	Ignitability: 0 Spread of Flame: 0 Heat Evolved: 0 Smoke Developed: 0-1
Water vapour sorption (ASTM C665-17)	Less than 5% by weight
Microbial Growth (ASTM C665-17)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (AS 1530.1)*	Non-combustible

*data applies to Earthwool® only and excludes plastic film

THIS PRODUCT IS COMING SOON

Easy to install underfloor insulation with a breathable plastic film providing a wind-wash barrier. Additional flaps provided to enable quick stapling. This eliminates the need for strapping and allows quick installation.



PRODUCT FEATURES



CERTIFICATIONS



Earthwool® Multi-Use roll



SPECIFICATIONS



EARTHWOOL®
the feel good glasswool insulation

Earthwool® Multi-Use roll is available in energy efficient R-values to provide an ideal solution for topping up existing ceiling insulation or for providing high thermal performance in walls. Earthwool® Multi-Use roll will improve the thermal comfort and energy efficiency of the building in which it has been installed thus keeping it cool in summer and warm in winter.

MULTI-USE ROLL

Product Code	R-Value (m²K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
799244	2.5 HD	0.036	90	430	8500	3.7	1	8	4
798797	2.5 HD	0.036	90	580	8500	4.9	1	8	4

HD = High Density



BENEFITS

- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ Non-combustible
- ✓ TwinTech® - smooth finish on both sides
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed - more product per pack



PERFORMANCE

Thermal	AS/NZS 4859.1 (2018)
Fire Hazard Properties (AS/NZ 1530.3)	Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 2-3
Water vapour sorption (ASTM C665-17)	Less than 5% by weight
Microbial Growth (ASTM C665-17)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (AS 1530.1)	Non-combustible



PRODUCT FEATURES

TWINTeCH

with **ECOSE** technology

MADE WITH RECYCLED GLASS



CERTIFICATIONS



Declare.



Please scan QR code to view all documents for this product.



Knauf Insulation Roof blanket (Unfaced)



KNAUFINSULATION



SPECIFICATIONS

Knauf Insulation Roof blanket (unfaced) provides thermal and acoustic insulation for commercial roofs. Condensation control can be achieved when the product is faced with foil of the appropriate duty classification. The Knauf Insulation Roof blanket (unfaced) range includes a selection of R-values to provide builders, designers and installers the opportunity to choose the best thermal performance for their project.



BENEFITS

- ✓ Convenient roll lengths for easy install
- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ Non-combustible
- ✓ TwinTech® - smooth finish on both sides
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed – more product per pack



PERFORMANCE

Thermal	AS/NZS 4859.1 (2018)
Fire Hazard Properties (AS/NZ 1530.3)	Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 2-3
Water vapour sorption (ASTM C665-17)	Less than 5% by weight
Microbial Growth (ASTM C665-17)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (AS 1530.1)	Non-combustible
Group Classification (AS 5637.1)	Group 1 (for all Knauf Insulation approved foil facing options)

KNAUF INSULATION ROOF BLANKET (UNFACED)

Product Code	R-Value (m ² K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m ²)	Available Facing*	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
683640	1.3	0.042	55	1200	30000	36.0	Light duty, Heavy duty, non-combustible	1	3	4
683659	1.8	0.042	75	1200	23000	27.6		1	3	4
683660	2.3	0.043	100	1200	17500	21.0		1	3	4
683661	2.5	0.042	105	1200	16500	19.8		1	3	4
683662	3.0	0.040	120	1200	14500	17.4		1	3	4
683643	3.2	0.041	130	1200	13500	16.2		1	3	4
723800	3.6	0.041	145	1200	10000	12.0		1	3	3
683720	3.7	0.035	130	1200	6500	7.8		1	3	6



*We can provide a range of lamination options for our roof blanket products through our network of specialist lamination partners. To find out more please email info.australia@knaufinsulation.com or call 07 3393 7300.



PRODUCT FEATURES



CERTIFICATIONS



Please scan QR code to view all documents for this product.



Knauf Insulation Space Blanket® (Foil faced)



KNAUFINSULATION



SPECIFICATIONS

Space Blanket® is a specialist under-metal roof insulation designed for use in residential buildings. Space Blanket® is made with super-soft glasswool insulation laminated with anti-condensation facing foil. Space Blanket® is available in energy efficient R-values to provide builders, designers, installers and DIYers the opportunity to choose the best thermal performance for their project. Space Blanket® will improve the thermal comfort and energy efficiency of the building in which it has been installed thus keeping it cool in summer and warm in winter.

KNAUF INSULATION SPACE BLANKET®

Product Code	R-Value (m ² K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m ²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
250982	1.3	0.042	55	1200	15000	18	1	9	1
288785	1.8	0.042	75	1200	10000	12	1	9	1



BENEFITS

- ✓ Group 1 Compliant
- ✓ Contributes to BAL rating compliance 12.5 - 40
- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ TwinTech® - smooth finish on both sides
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed - more product per pack



PERFORMANCE

Thermal	AS/NZS 4859.1 (2018)
Fire Hazard Properties (AS/NZ 1530.3)	Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 2-3
Water vapour sorption (ASTM C665-17)	Less than 5% by weight*
Microbial Growth (ASTM C665-17)	Does not support microbial growth*
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (AS 1530.1)	Non-combustible*
Group Classification (AS 5637.1)	Group 1*

*glasswool only



PRODUCT FEATURES



CERTIFICATIONS



Please scan QR code to view all documents for this product.



Knauf Insulation Ceiling batt



KNAUFINSULATION

The Knauf Insulation Ceiling batt range includes a selection of R-values to provide designers and building professionals the opportunity to choose the best thermal performance for their project. Knauf Insulation Ceiling batt will improve the thermal comfort and energy efficiency of the building in which it has been installed thus keeping it cool in summer and warm in winter.

SPECIFICATIONS

Product Code	R-Value (m ² K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m ²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
860144	3.5	0.049	170	430	1160	9.0	18	5	5
795233	3.5	0.050	175	580	1160	11.4	17	5	4
860138	4.1	0.051	210	430	1160	7.0	14	5	5
795223	4.1	0.051	210	580	1160	9.4	14	5	4
860132	5.0	0.046	230	430	1160	5.5	11	5	5
795225	5.0	0.046	230	580	1160	7.4	11	5	4
795236	6.0	0.046	275	430	1160	5.5	11	5	5
795237	6.0	0.046	275	580	1160	7.4	11	5	4



BENEFITS

- ✓ Convenient roll lengths for easy install
- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ Non-combustible
- ✓ TwinTech® - smooth finish on both sides
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed - more product per pack



PERFORMANCE

Thermal	AS/NZS 4859.1 (2018)
Fire Hazard Properties (AS/NZ 1530.3)	Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 2-3
Water vapour sorption (ASTM C665-17)	Less than 5% by weight
Microbial Growth (ASTM C665-17)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (AS 1530.1)	Non-combustible



CERTIFICATIONS



Please scan QR code to view all documents for this product.



Knauf Insulation External Wall batt



KNAUFINSULATION

The Knauf Insulation Wall batt range includes a selection of R-values to provide builders, designers, installers and DIYers the opportunity to choose the best thermal performance for their project. Knauf Insulation Wall batt will also absorb the transfer of unwanted sound from outside to inside the building. In addition to sound absorption, Knauf Insulation Wall batt will improve the thermal comfort and energy efficiency of the building in which it has been installed thus keeping it cool in summer and warm in winter. Up to 25% of heat loss and gain in a home occurs through walls*.

*Source: www.yourhome.gov.au/passive-design/insulation

SPECIFICATIONS

Product Code	R-Value (m ² K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m ²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
795238	2.0	0.045	90	430	1160	16.0	32	5	5
795239	2.0	0.045	90	580	1160	21.5	32	4	4
795240	2.0 HD	0.038	75	430	1160	10.0	20	5	5
795241	2.0 HD	0.038	75	580	1160	13.5	20	4	4
795246	2.0 HD	0.038	75	450	1200	10.8	20	5	5
795247	2.0 HD	0.038	75	600	1200	14.4	20	4	4
860158	2.5 HD	0.036	90	430	1160	7.0	12	5	5
860156	2.5 HD	0.036	90	580	1160	9.4	12	5	4
860152	2.7 SHD	0.033	90	430	1160	5.0	10	4	5
860150	2.7 SHD	0.033	90	580	1160	6.7	10	4	4

HD = High Density, SHD = Super High Density



BENEFITS

- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ Non-combustible
- ✓ TwinTech® - smooth finish on both sides
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed - more product per pack



PERFORMANCE

Thermal	AS/NZS 4859.1 (2018)
Fire Hazard Properties (AS/NZ 1530.3)	Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 2-3
Water vapour sorption (ASTM C665-17)	Less than 5% by weight
Microbial Growth (ASTM C665-17)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (AS 1530.1)	Non-combustible



CERTIFICATIONS



Please scan QR code to view all documents for this product.



Knauf Insulation Internal Partition range



KNAUFINSULATION



SPECIFICATIONS

The Knauf Insulation Internal partition (Acoustic) range includes a selection of densities to provide builders, designers, installers and DIYers the opportunity to choose the best acoustic performance for their project. Knauf Insulation Internal partition (Acoustic) products will improve the acoustic performance of the building in which they have been installed by absorbing the transfer of unwanted sound from external sources and between adjoining rooms.



BENEFITS

- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ Non-combustible
- ✓ TwinTech® - smooth finish on both sides
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed – more product per pack



PERFORMANCE

Thermal	AS/NZS 4859.1 (2018)
Fire Hazard Properties (AS/NZ 1530.3)	Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 2-3
Water vapour sorption (ASTM C665-17)	Less than 5% by weight
Microbial Growth (ASTM C665-17)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (AS 1530.1)	Non-combustible



PRODUCT FEATURES



CERTIFICATIONS



Please scan QR code to view all documents for this product.



INTERNAL PARTITION BATT

Product Code	Density (kg/m ³)	Est. R-Value (m ² K/W)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m ²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
883474	11	1.2	50	450	2700*	12.2	10	6	5
883477	11	1.2	50	600	2700*	16.2	10	6	4
882215	11	1.8	75	450	2700*	12.2	10	6	5
882264	11	1.8	75	600	2700*	16.2	10	6	4
795252	11	2.5	110	600	1160	13.9	20	4	4
795255	14	1.3	50	450	1160	19.8	38	5	5
795256	14	1.3	50	600	1160	26.5	38	4	4
795257	14	1.9	75	450	1160	12.5	24	5	5
795258	14	1.9	75	600	1160	16.7	24	4	4
795228	14	2.3	90	450	1160	9.4	18	5	5
795229	14	2.3	90	600	1160	12.5	18	5	4

*Folded batts

INTERNAL PARTITION ROLL

Product Code	Density (kg/m ³)	Est. R-Value (m ² K/W)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m ²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
795263	11	1.8	75	450	11600	10.4	2	4	5
795264	11	1.8	75	600	11600	13.9	2	4	5
795265	11	2.2	90	600	11600	13.9	2	4	5
795266	14	2.3	90	600	9100	10.9	2	4	5
795274	24	0.7	25	600	18900	22.7	2	3	3
795267	24	2.1	75	600	6200	7.4	2	4	5
795268	24	2.5	90	600	5300	6.4	2	4	5
795269	32	1.5	50	600	7200	8.6	2	4	5
795270	32	2.2	75	600	4800	5.8	2	4	5
795271	32	2.7	90	450	4000	3.6	2	4	5
795272	32	2.7	90	600	4000	4.8	2	4	5
795273	32	3.0	100	600	3600	4.3	2	4	5

Earthwool® DriTherm® Cavity slab



EARTHWOOL
the feel good glasswool insulation

DriTherm® Cavity slab can be used in masonry cavity external walls and is installed within the cavity to provide a continuous, non-combustible thermal and acoustic barrier. Manufactured at 600mm widths, DriTherm Cavity slab is suitable for standard wall tie spacings and furring channel clips used in residential and commercial construction types.

With over 4 million double brick homes already insulated with water resistant cavity insulation across Europe, DriTherm Cavity slab is a proven, thermally efficient insulation.

Product Code	R-Value (m ² K/W)	Density (kg/m ³)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m ²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
762167	1.5	32	50	600	1100	8.6	13	5	4



BENEFITS

- ✓ Silicone treated - water resistant
- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ Non-combustible
- ✓ TwinTech® - smooth finish on both sides
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed - more product per pack



PERFORMANCE

Thermal	AS/NZS 4859.1 (2018)
Fire Hazard Properties	Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 1
Acoustic	Will contribute to the BCA's acceptable construction practices to achieve the required acoustic performance in cavity wall construction
Microbial Growth (ASTM C665-17)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (AS 1530.1)	Non-combustible



CERTIFICATIONS



Please scan QR code to view all documents for this product.



5.3 BLOW-IN INSULATION

SprayWool Thermal and Acoustic



Also suitable for:
Multi-Level & Fire Corridors



KNAUF INSULATION



SprayWool Thermal and Acoustic is a non-combustible spray on insulation solution used for increasing the thermal and acoustic performance of concrete soffit applications, either behind a ceiling lining or left exposed for high Noise Reduction Coefficient (NRC) properties.

Knauf Insulation manufactures the SprayWool product only. SprayWool Thermal and Acoustic is used in conjunction with Specialist Applicator's binder solutions as part of a lightweight system.

Product Code	Thickness (mm)	R-Value (m ² K/W)	Acoustic Performance (NRC)	Cohesive/adhesive strength (kPa)	Weight per pack (kg)	Bags per SupaKube
667984	60	1.60	1.00	>1.4	16.6	28
	80	2.15				
	100	2.70				
	120	3.25				
	140	3.75				
	160	4.05				



BENEFITS

- ✓ Excellent thermal performance
- ✓ High NRC acoustic performance
- ✓ Non-combustible
- ✓ Safe and bio-soluble glasswool
- ✓ Energy saving



PERFORMANCE

Thermal Conductivity (AS/NZS 4859.1)	0.037 W/mK
Material Group Number (ISO 9705 and AS 5637.1)	Group 1
SMOGRA RC (AS 5637.1)	0.5
Combustibility (AS 1530.1)	Non-combustible



CERTIFICATIONS



Please scan QR code to view all documents for this product.



SUPAFIL® Loft



KNAUF INSULATION

Supafil® Loft is an unbonded, glasswool insulation designed with optimal thermal properties and excellent coverage and blowing characteristics. Supafil® Loft can be installed into both new build and existing ceilings. It can be used to form the total thermal solution or as an additional thermal layer to existing insulation. Supafil® Loft should only be installed by Approved Installers to ensure the highest quality and installed performance.

Material Code	Installed density (kg/m ³)	Nominal Thickness (mm)	R-Value (m ² K/W)
633724	13	160	3.1
		180	3.5
		205	4.0
		255	5.0
		310	6.0
		360	7.0
		410	8.0
		460	9.0
		510	10.0



BENEFITS

- ✓ New and retrofit applications
- ✓ Fills all gaps and voids, creating a complete thermal barrier against heat loss or gain
- ✓ Excellent acoustic performance
- ✓ High thermal performance
- ✓ High recycled content
- ✓ Fast, easy installation by Approved Installers
- ✓ Non-combustible



CERTIFICATIONS



Please scan QR code to view all documents for this product.



SUPAFIL® CarbonPlus

(for double masonry cavities)



KNAUF INSULATION

Supafil® CarbonPlus is designed for installation into existing and new double masonry cavities to increase the thermal and acoustic performance of the wall. Supafil CarbonPlus is an unbonded, non-combustible glasswool product which requires no mixing on site. Supafil CarbonPlus is specifically designed to be used in existing masonry cavity walls with a minimum cavity width of 40mm. CodeMark™ certification for Supafil CarbonPlus approves the application and installation procedure for this product.

The silicone treatment of the glasswool makes it suitable for use in existing and new masonry cavity walls, subject to the conditions detailed in the CodeMark certificate. Supafil CarbonPlus should only be installed by Approved Installers to ensure the highest quality and installed performance.

Product Code	Installed Density (kg/m ³)	Cavity Width (mm)	R-Value (m ² K/W)	Minimum bag usage rate (bags per 100m ²)	Weight per pack (kg)	Bags per SupaKube
783237	25	50	1.3	8.0	15.5	26
		75	1.9	12.0		
		100	2.6	16.0		



BENEFITS

- ✓ Maximum thermal performance
- ✓ Maximum acoustic performance
- ✓ Interior and exterior installation methods
- ✓ Silicone treated for extra moisture protection



CERTIFICATIONS



Please scan QR code to view all documents for this product.



6. Project Spotlights

Knauf Insulation products have been specified and used in some of Australia's biggest projects by successfully meeting specification requirements and compliance standards including thermal performance, acoustic performance, non-combustibility requirements and sustainability credentials.

Some note-worthy projects include:



ELIZABETH QUAY WEST TOWERS, WA

Use Case:
Commercial and residential

- Products used:**
- Knauf Insulation Internal Partition 14kg/m³ batts and rolls
 - Knauf Insulation Internal Partition 24kg/m³ batts and rolls



80 ANN STREET, BRISBANE CBD, QLD

Use Case:
Urban workplace

- Products used:**
- Knauf Insulation Internal Partition 11kg/m³ batts
 - Knauf Insulation Internal Partition 14kg/m³ batts



STAR CASINO, GOLD COAST, QLD

Use Case:
Commercial hotel and residential

- Products used:**
- Knauf Insulation Internal Partition 14kg/m³ batts
 - Knauf Insulation Internal Partition 24kg/m³ batts



ADELAIDE AIRPORT TERMINAL, SA

Use Case:
Commercial airport

- Products used:**
- Knauf Insulation Internal Partition 11kg/m³ batts
 - Earthwool® R2.5 SoundShield Wall batts



WESTERN SYDNEY INTERNATIONAL AIRPORT, NSW

Use Case:
Commercial airport

- Products used:**
- Knauf Insulation 11kg/m³ Roof blanket
 - Knauf Insulation 35kg/m³ Roof blanket (custom)



7.5 STAR RESIDENTIAL HOME (GOOD DAY HOUSE), VIC

Use Case:
Residential

- Products used:**
- Earthwool R6.0 Ceiling batts
 - Earthwool R2.5 SoundShield Wall batts



ARCARE, PORTARLINGTON AGED CARE FACILITY, VIC

Use Case:
Residential

- Products used:**
- Earthwool R5.0 Ceiling batts
 - Earthwool R2.5 SoundShield Wall batts



7. Warranty Information

1. WARRANTY APPLICATION:

Knauf Insulation Pty Ltd (ACN 129 827 336) - (Knauf) - warrant that Earthwool® and Knauf Insulation unfaced products (Product) are manufactured in accordance with AS/NZS-4859.1 and are fit for the purpose of insulating ceilings, roofs, external timber frame walls, underfloors and internal acoustic partitions, if tested in accordance with the methodology referred to in AS/NZS-4859.1, if properly installed in accordance with the installation instructions and if maintained according to relevant Standards including AS-3999/NZS-4246.

2. WARRANTY COVERAGE:

Knauf warrants to the person purchasing the Product (Covered Person) that:

- a) The Product is free from manufacturing defects as required by the Competition and Consumer Act 2010 from the date of purchase.
- b) When used for its intended purpose, properly installed in accordance with Knauf installation instructions, tested in accordance with the methodology referred to in AS/NZS-4859.1 and maintained in dry conditions and otherwise in accordance with AS-3999/ NZS-4246, the Product is warranted as per the period required in the Competition and Consumer Act 2010. (Product Serviceable Life).

3. CONDITIONS OF WARRANTY:

Knauf's liability to the Covered Person under this Warranty shall be subject to the following terms and conditions:

- A.** The claimant must provide proof that he/she is a Covered Person including a receipt showing the date of purchase of the Product and details of the seller and the installer.
- B.** The Product must be transported and stored in dry conditions at all times between purchase and installation and without bearing the weight of other materials. Knauf will have no liability under this Warranty in respect of wet or water damaged product.
- C.** The Product must be installed in accordance with Knauf installation instructions and maintained according to AS-3999/NZS-4246 and all other applicable building codes adopted by federal, state or local government or government agencies and applicable to the installation or maintenance of the Product. Failure to properly install or maintain the Product in accordance with this Clause will void this Warranty.
- D.** The Covered Person may not claim for manufacturing defects under this warranty that appear outside the Product Serviceable Life.

E. The Covered Person must provide written notice to Knauf within 30 days after discovery of any claimed defect or failure covered by this Warranty and before beginning any permanent replacement, rectification or repair. The notice must describe the location and details of the defect or failure and such information as is necessary for Knauf to investigate the claim. Photographs of the Product, showing the defect or failure, must accompany the notice. Product samples must be provided.

F. Before commencing any replacement, repair or rectification work, the Covered Person must allow Knauf or Knauf's agent to enter the property where the Product is installed and examine, photograph and take samples of, the Product.

G. Instead of repairing, replacing or rectifying the Product, Knauf may elect to make a full refund of the purchase price of the Product.

H. Knauf will pay the reasonable, direct expenses of the Covered Person claiming under this Warranty. The Covered Person may submit details of their expense claim to Knauf for consideration.

I. For the avoidance of doubt, this Warranty applies only to the Covered Person and does not transfer to any subsequent purchaser of any structure in which the Product has been installed.

4. EXCLUSIONS:

Knauf will have no liability under this Warranty in respect of damage or defects resulting from, or in any way attributable to:

- a) the storage, shipping, handling or installation of the Product in an improper manner or in a manner other than as described in the installation instructions;
- b) neglect;
- c) abuse;
- d) misuse;
- e) damage from incorrect design or construction of the structure in connection with which the Product is used;
- f) acts of God including, but not limited to, cyclones, tornados, floods, earthquakes, severe weather, fire or other natural phenomena, (including, but not limited to, unusual climate conditions);
- g) growth of mould, mildew, fungi, bacteria, or any organism; and
- h) lack of proper maintenance.

5. CLAIMS:

For any claim by the Covered Person under the terms of this Warranty:

- a) if the Product is found to be non-compliant with this Warranty, Knauf will (at Knauf's sole option) either (i) refund the purchase price; or (ii) repair, replace or rectify the Product.
- b) such claims must be made by written notice:
 - i) sent to the following address:
Knauf Insulation Warranty Claims Section
PO BOX 244, Cannon Hill,
Queensland, 4170, Australia
Phone: +61 7 3393 7300
 - ii) received within 30 days after discovery of any circumstance giving rise to liability under this Warranty;
 - iii) containing the details specified in section 3 E above and attaching documentary evidence of the matters specified in section 3 A above.

6. EXCLUSION OF INCIDENTAL AND CONSEQUENTIAL DAMAGES:

Under this warranty Knauf shall not be liable for any incidental, special, indirect, or consequential damages. Any monetary compensation is limited to a refund of the purchase price of the Product except as required by law.

7. MODIFICATIONS AND ALTERATIONS OF PRODUCT:

Knauf shall have no liability under this Warranty for any Product subjected to further processing or alteration by any person other than Knauf or its related companies.

8. SETTLEMENT OF CLAIM:

Any refund or material replacement by Knauf pursuant to section 5 above of this Warranty shall constitute a full settlement and release of Knauf by the Covered Person of all claims, potential claims, or actions of any Covered Person for damages or other relief under this Warranty.

9. OTHER RIGHTS:

The benefits given by this Warranty are additional to other rights and remedies that the Covered Person may have under law.

Australian customers: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Product repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

10. LIMITATION OF WARRANTY:

This Warranty constitutes the only warranty extended by Knauf for the Product. Knauf disclaims all other warranties, express or implied, but does not exclude any statutory warranties or consumer guarantees that may apply and which cannot be excluded at law. For the avoidance of doubt, any and all other warranties or conditions which are not guaranteed by the Australian Consumer Law, or the Competition and Consumer Regulation 2010 (Australia) and which are not expressly included in this Warranty as additional warranties or conditions, are expressly excluded where permitted, including liability for incidental or consequential damages caused by the breach of any express or implied warranty or condition.

11. LIMITATION OF LIABILITY:

You may be entitled to statutory consumer guarantees and Knauf does not exclude, restrict or modify those consumer guarantees. In all other respects, in so far as and to the maximum extent that it may lawfully do so, Knauf excludes any liability, whether in tort (including negligence), contract, equity or otherwise, connected with, or arising in relation to, the use or installation of the Product.

This Warranty is given by Knauf Insulation Pty Ltd ACN 129 827 336.

Knauf Insulation Pty Ltd

23 Corporate Drive, Cannon Hill
Queensland, 4170



07 3393 7300



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