



PRODUCT GUIDE

High performance residential and commercial insulation solutions for Indonesia

Effective January 2026



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.

Contents

1. Introduction to Knauf Insulation	
1.1 Innovation and Production	4
1.2 Why Knauf Insulation Glasswool?	5
1.3 Features and Benefits of Knauf Insulation Glasswool	6
1.4 A New Vision of Sustainability	8
1.5 The ECOSE® Difference	10
1.6 Certifications	15
2. Service Guidelines	16
3. Ordering Information	17
4. Case Studies	18
5. Products	
5.1 Earthwool® Metal Roofing roll (unfaced)	20
5.2 Knauf Insulation Internal Partition range	22

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 Asia-Pacific for over 15 years

Recognising Southeast Asia's unique tropical climatic conditions and specific insulation requirements, Knauf Insulation provides a range of products to suit local construction methods. Our proven solutions deliver enhanced comfort and energy efficiency in buildings across the region.

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, ensuring compliance with the latest Malaysian Standards (e.g., MS 1525) and Singaporean building codes and Green Mark standards.



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



Knauf Insulation

>€16bn
turnover



>€2.5bn
turnover

41,500+
employees worldwide



6000+
employees worldwide

300
plants & offices



28
plants & offices

90+
countries



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.



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.



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**.



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

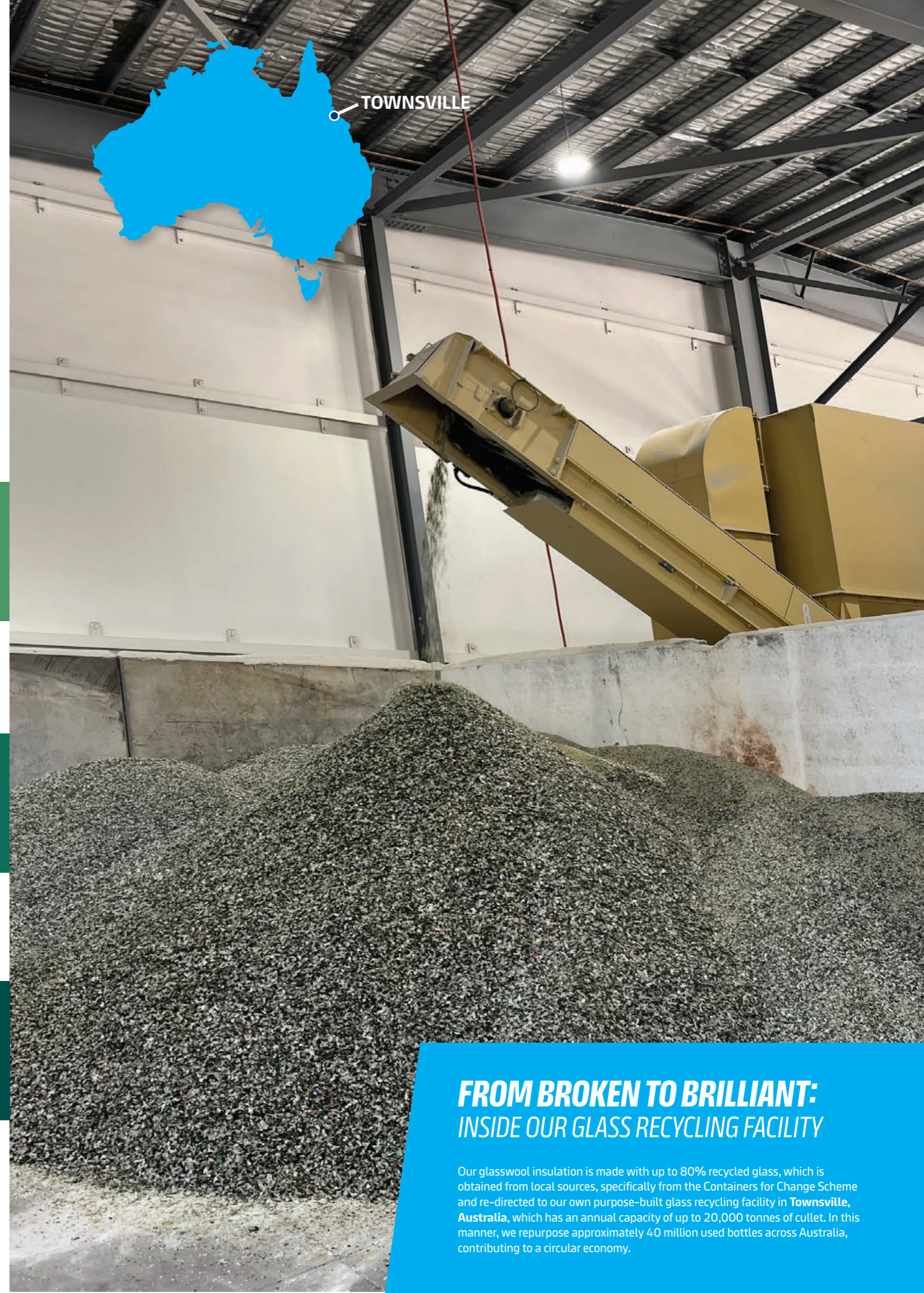
-30%
Scope 3* emissions

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

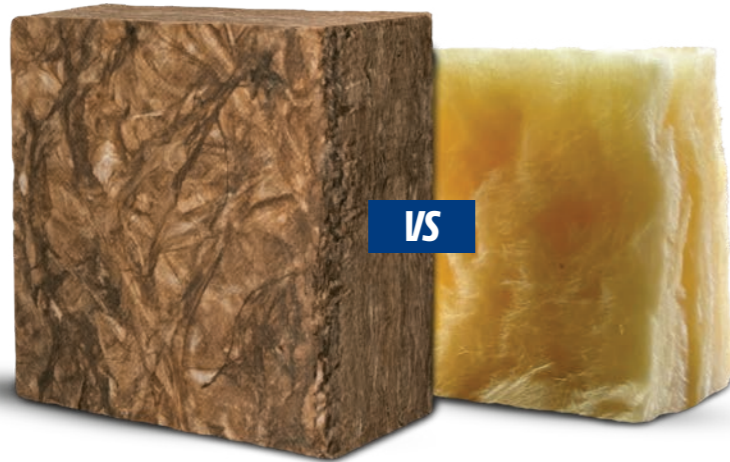
Our glasswool insulation is made with up to 80% recycled glass, which is obtained from local sources, specifically from the Containers for Change Scheme and re-directed to our own purpose-built glass recycling facility in **Townsville, Australia**, which has an annual capacity of up to 20,000 tonnes 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.

Knauf Insulation glasswool with ECOSE

is naturally brown with no added formaldehyde



Traditional

(Non ECOSE Technology mineral wool insulation)



THE ECOSE® DIFFERENCE

Choose better. Use better.
Experience the difference with ECOSE Glasswool.

Make the ECOSE Difference

Predominantly plant-based

ECOSE is made from rapidly renewable sources and is manufactured using biogenic sources of carbon, giving it a lower carbon footprint than traditional binders.

Lower embodied carbon

Reducing the embodied carbon of our binder significantly reduces the embodied carbon of our insulation products as a whole.



Breathe the ECOSE Difference

Superior indoor air quality

Products made with ECOSE were the first to be awarded the Eurofins Indoor Air Comfort Gold certification, the highest possible standard.

Green building credits

ECOSE helps designers earn additional points under green building rating schemes, such as LEED, Green Building Index (GBI) and the Green Mark Certification Scheme.



Feel the ECOSE Difference

Comfortable handling

ECOSE creates a more pleasant installer experience. Glasswool with ECOSE creates low levels of dust and customers tell us it is less itchy or irritating than products made with traditional binders.

No harmful chemicals

Products made with ECOSE are low-VOC, include no added formaldehyde and are DECLARE 'Red List Free', meaning they do not contain chemicals on the 'Red List', known to pose serious risks to human health.



Trust the ECOSE Difference

Making a long-term difference

We first launched ECOSE in 2009 and it has been helping the industry to create better buildings ever since.

Extensively tested and certified

We publish detailed EPDs for our products made with ECOSE, produced to the latest EN15804 +A2 standard. Products made with ECOSE also meet some of the most stringent international standards, including Eurofins Indoor Air Comfort Gold, UL Greenguard Certified, CERTIFIED asthma and allergy friendly®, VERIFIED Healthier Air™ and DECLARE 'Red List Free'.



Discover what makes the ECOSE® Glasswool difference

From production to post-occupation, Knauf Insulation glasswool with ECOSE provides proven performance in all areas from specification, to distribution, to installation.

Knauf Insulation glasswool with ECOSE is convenient, cost-effective, and comfortable to handle and install. Our products play a major role in providing thermal, fire safety and acoustic performance as well as greater comfort in the built environment.

ECOSE glasswool solutions meet stringent performance standards and are certified by industry-recognised bodies for quality, environment and energy management, as well as health and safety.

Experience exceptional value

High-compression technology enables more efficient product packaging without compromising quality.

Reduces transportation, handling costs and environmental impact.

Reduces transportation, handling costs and environmental impact.

To insulate 2000m²

With **Knauf Insulation** you'd only need **116 packs** of 50mm product,



but with **Rock Mineral Wool** you'd need **462 packs** of 50mm product*!



*Based on 16kg/m³ 50mm Knauf Insulation glasswool with ECOSE® batts and 60kg/m³ 50mm Rock Mineral Wool batts.

Experience exceptional performance

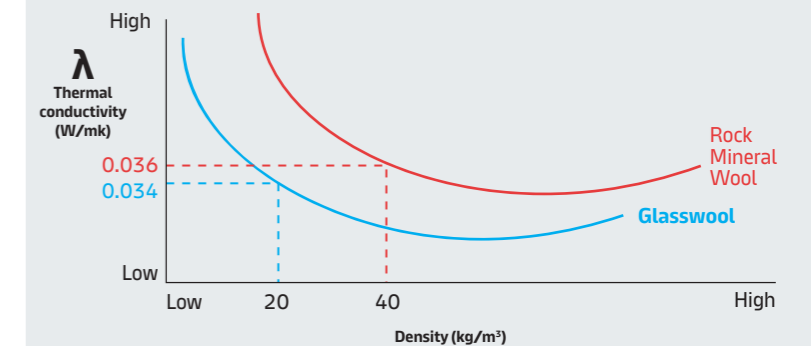
Non-combustible material minimising the risk of fire.

Absorbs sound transfer in internal and external walls.*

DriTherm® Technology delivers excellent moisture resistance and water ingress, ensuring longevity and durability in humid climates.

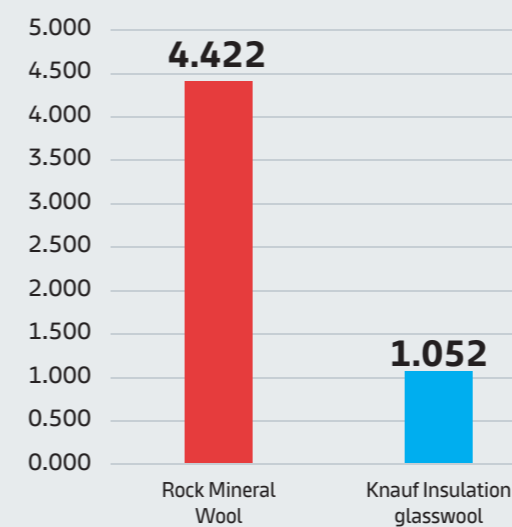
*Knauf Insulation system testing shows that a system with 16kg/m³ glasswool insulation can provide equivalent sound insulation to a system using 46kg/m³ rock mineral wool insulation.

Superior thermal performance at half the weight of rock mineral wool for a more cost-effective solution.



4 times less embodied carbon

Embodied carbon comparison (R-value = 1)



Based on independently verified Environmental Product Declarations: 20kg/m³ Knauf Insulation glasswool with ECOSE® at 0.0344 thermal conductivity, and 80kg/m³ rock mineral wool at 0.034 thermal conductivity.

Experience exceptional sustainability

Manufactured using

100% green electricity. up to **80%** recycled glass.

100% transparency with no hazardous ingredients.



Our glasswool is Eurofins Gold certified for best-in-class low-VOC emissions.



Certified to the highest environmental and sustainable construction standards.



Less upfront embodied carbon than traditional binders.

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 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.

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.

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.

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.

LOW ENVIRONMENTAL IMPACT



GLOBAL GREENTAG^{CERT™} 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.



SGBC GREEN LABEL CERTIFICATION

Knauf Insulation products are certified by the Singapore Green Building Council (SGBC) Green Label scheme, confirming they meet stringent environmental standards for green buildings in Singapore and contribute to Green Mark projects.



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

2. Service Guidelines

Pack

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



MasterBag

- A MasterBag is a package of multiple packs (3, 4 or 5 packs depending on the product)



SupaKube

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



Delivery option:

FCL

Full Container Load

A Full Container Load (FCL) order is up to 20 SupaKubes of single or mixed products (max 2 products), delivered in a 40-foot container.

Lead time: 2-3 weeks



Elevation view



Plan view

3. Ordering Information

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

- Product Calculator:** For FCL orders is available from Customer Service to assist customers to calculate quantity of product contained in container or truck.
- Mixed Load Surcharge:** IDR 1,100,000 will be charged for mixed products based on the additional requirements for handling and loading.
- Palletising and strapping with additional charges apply.
- Unloading Responsibilities:** It is the responsibility of the customer to unload the trucks and containers in a timely manner. Additional charges maybe charged if a truck must wait in excess of 2 hours.
- Order Confirmations and Invoices:** All orders must be accompanied by a formal Purchase Order. We will provide a written confirmation of your order. We ask that you check all order confirmation details you receive carefully as they will reflect what appears on the invoice you receive. We ask that any queries you may have are immediately directed to our Customer Service team.
- Cancellation of your Order:** All orders become confirmed upon the issuance of purchase orders. Should you wish to cancel or initiate a return, please contact our customer service department. Fees will apply.
- 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, Monday to Friday.
- 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.

Email: info.id@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.id@knaufinsulation.com.

Should you have any queries regarding your invoice or any fees you must contact us within 48 hours of its receipt.

Contact

Monday - Friday | 8.30am - 5pm (WITA)

 orders.id@knaufinsulation.com



4. Case Studies



HHOM@CIRCUIT ROAD - SINGAPORE (NURSE CO-LIVING HOSTEL)

Product used:

Knauf Insulation Wall Partition Batt 20kg/m³ density

Building type:

Retrofitting of an existing 4-storey school building into a 478-bed hostel

Knauf Insulation Glasswool is uniquely designed to simplify the installation process, eliminating the need for additional fixation. Its advanced compression packaging allows up to ten times more insulation per pack, reducing transportation and handling requirements. The Knauf Insulation Batts provide optimal thermal and acoustic properties, which are essential for creating a comfortable living environment for healthcare workers.



IMU - MALAYSIA

Product used:

Knauf Insulation Wall Partition Roll, 16kg/m³ density

Building type:

Institution

Knauf Insulation Glasswool delivers outstanding acoustic performance and thermal efficiency, essential for the comfort of educational environments with high indoor occupancy. It optimises energy use for air-conditioning, enhancing overall comfort while contributing to significant energy savings.

“Knauf Insulation is way less itchy compared to what we used to install. It’s super-soft and easy to handle. It makes the installation process much faster and simpler.” – Superb Impression Creation Sdn. Bhd.



JOHOR ROOFING PLANT EXTENSION

Product used:

Earthwool® Metal Roofing Roll 50mm x 24kg/m³

Building type:

Industrial

Knauf Insulation’s very own warehouse in Johor Bahru (JB) has undergone an extension, showcasing the use of our high-performance insulation solutions. This project highlights the application of metal roofing rolls, designed to deliver superior thermal performance and energy efficiency.

The project emphasises the use of eco-friendly insulation material, aligning with Knauf Insulation’s commitment to sustainability.



WESTERN SYDNEY INTERNATIONAL AIRPORT

Product used:

Knauf Insulation 11kg/m³ Roof Blanket

Knauf Insulation 35kg/m³ Roof Blanket (custom)

Building type:

Commercial Airport

The Western Sydney International Airport required a roofing system that could meet stringent acoustic, thermal, and fire performance standards while supporting its iconic design of floor-to-ceiling glazing and a single-ridge aerofoil roof. Knauf Insulation was selected for its proven performance, rapid sampling, flexible delivery, and proactive technical support.



5.1 Earthwool® Roof blanket (unfaced)



EARTHWOOL®
the feel good glasswool insulation



SPECIFICATIONS

Earthwool Roof blanket (unfaced) provides thermal and acoustic insulation for residential, commercial and industrial roofs. Condensation control can be achieved when the product is faced with foil of the appropriate duty classification. The Earthwool 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.

KNAUF INSULATION ROOF BLANKET (UNFACED)

Product Code	R-Value (m²K/W)	Density (kg/m³)	Thermal Conductivity** (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
868897	1.36	16	0.0366	50	1,200	15,000	18.0	1	4	5
868899	1.42	20	0.0352	50	1,200	11,500	13.8	1	4	5
828902	1.47	24	0.0339	50	1,200	10,000	12.0	1	4	5

^ In accordance with Clause 4.2.1 (b) of Malaysian standard MS 1020 (Thermal insulation products for buildings - factory made mineral wool products), thermal resistance and thermal conductivity values shall be expressed with three significant figures.

* Thermal conductivity 20°C λ Value (W/mK)



BENEFITS

- ✓ Convenient roll lengths for easy install
- ✓ High recycled content
- ✓ High thermal performance, year-round comfort
- ✓ DriTherm Technology - silicon-treated have better moisture resistance
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ Non-combustible
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed - more product per pack

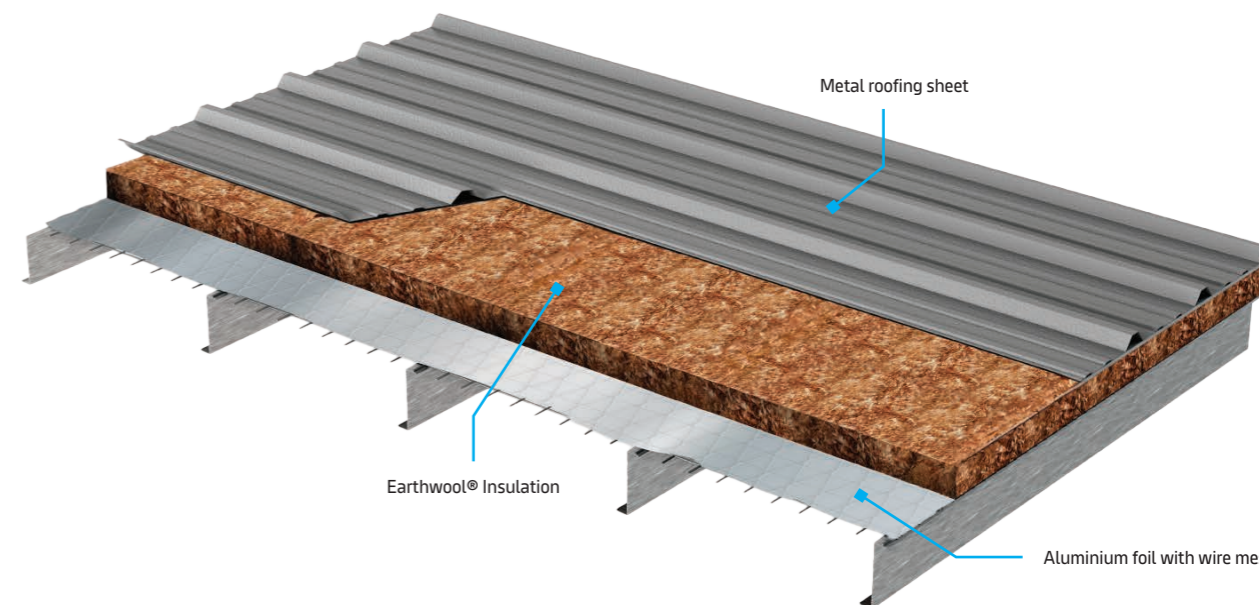


PERFORMANCE

Thermal	MS 1020: 2022
Fire Hazard Properties (ASTM E84)	Spread of Flame: 0, Smoke Developed: 0-5
Water vapour sorption (ASTM C1104)	Less than 5% by weight
Microbial Growth (ASTM C1338)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (BS 476 Part 4)	Pass (Non-combustible)
Noise Reduction Coefficient NRC (ASTM C423)	0.85 - 0.95



*We can provide a range of densities and R-value for our roof blanket products faced and unfaced, kindly contact us to get more info. To find out more please email info.sg@knaufinsulation.com.



PRODUCT FEATURES



CERTIFICATIONS



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

5.2 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 select the most suitable product for their wall system or installation requirements. 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

- ✓ Sound absorbing*
- ✓ High thermal performance, year-round comfort
- ✓ DriTherm Technology - innovative, fibre-level water-repellence technology
- ✓ Saves energy - lower energy bills
- ✓ Non-combustible
- ✓ TwinTech® - smooth finish on both sides
- ✓ No added formaldehyde-free from harmful ingredients
- ✓ Soft to handle and install
- ✓ Odourless
- ✓ Compression packed - less transport required and less handling

* Knauf Insulation system testing shows that a system with 16kg/m³ glasswool insulation can provide equivalent sound insulation to a system using 46kg/m³ rock mineral wool insulation



PERFORMANCE

Thermal	MS 1020:2022
Fire Hazard Properties (ASTM E84)	Spread of Flame: 0, Smoke Developed: 0-5
Water vapour sorption (ASTM C1104)	Less than 5% by weight
Microbial Growth (ASTM C1338)	Does not support microbial growth
Corrosiveness (ASTM C665-17)	Pass (Not corrosive)
Combustibility (BS 476 Part 4)	Pass (Non-combustible)
Noise Reduction Coefficient NRC (ASTM C423)	0.85 - 0.95

INTERNAL PARTITION FOLDED BATT

Product Code	Density (kg/m ³)	R-Value (m ² K/W)	Thickness (mm)	Thermal Conductivity* [^] (W/mK)	Width (mm)	Length (mm)	Area per pack (m ²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
895651	24	1.47	50	0.0339	600	2,300	13.8	10	5	4

* Thermal conductivity 20°C λ Value (W/mK).

[^] In accordance with Clause 4.2.1 (b) of Malaysian standard MS1020 (Thermal insulation products for buildings - factory made mineral wool products), thermal resistance and thermal conductivity values shall be expressed with three significant figures.

INTERNAL PARTITION BATT

Product Code	Density (kg/m ³)	R-Value (m ² K/W)	Thickness (mm)	Thermal Conductivity* [^] (W/mK)	Width (mm)	Length (mm)	Area per pack (m ²)	Pieces per pack	Packs per MasterBag	MasterBags per SupaKube
826570	16	1.36	50	0.0366	600	1,200	17.3	24	5	4
866772	24	1.47	50	0.0339	600	1,200	12.2	17	5	4
895205	24	2.21	75	0.0339	600	1,200	10.1	14	5	4
845315	32	1.53	50	0.0326	600	1,200	10.1	14	5	4

* Thermal conductivity 20°C λ Value (W/mK).

[^] In accordance with Clause 4.2.1 (b) of Malaysian standard MS1020 (Thermal insulation products for buildings - factory made mineral wool products), thermal resistance and thermal conductivity values shall be expressed with three significant figures.



PRODUCT FEATURES



CERTIFICATIONS



MANUFACTURED BY

Knauf Insulation Sdn Bhd

PLO 157, Jalan Teruntum 4, Tanjung Langsung Industrial Area,
81700 Pasir Gudang, Johor

Company registration no: 201401006359



+60 7-838 1000



info.id@knaufinsulation.com



www.knauf.com

SPECIFIED AND DISTRIBUTED BY

Knauf Indonesia

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Sektor II Pondok Pinang, Kebayoran Lama,
Jakarta Selatan 12310, Indonesia



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Build on us.