



Think Pink Aerolite

GLASSWOOL: THERMAL & ACOUSTIC CEILING INSULATION

Aerolite is a pink, high quality, Glasswool thermal and acoustic ceiling insulation that keeps you warm in winter and cool in summer.

Advantages



Thermal comfort



Non-combustible



Energy Efficiency



Sound insulation and absorption

over
SAINT-GOBAIN

Energy savings
Non-Combustible
Easy to install

No health risk
Non-combustible - SANS 10177-5
Class A(A1)1 - SANS 10177-10
A1 fire classification when tested to EN 13510
NOTE: Cover & compression: protect. Allow 24hours for full recovery

Glasswool

135mm

Dimensions
Length: 1 000 mm
Width: 1 200 mm
Thickness: 135 mm

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think pink
aerolite



We also recommend that you wrap your geyser for further savings on electricity bills

$R_{val} = 3.38 m^2 KW$



Think Pink Aerolite® is a non-combustible, glasswool ceiling insulation solution that reduces the energy required to maintain a comfortable living environment. Unlike many competitive products that claim limited combustibility, Aerolite® is a certified non-combustible product which means it won't burn, smoke, or melt in a fire as it's made from glasswool. Aerolite® has exceptional acoustic insulation properties, it enhances your indoor environment by absorbing noise from the inside and outside. Aerolite® is made of 80% recycled glass and our production process is CFC and HCFC free.

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ThinkPink Aerolite

DESCRIPTION

Aerolite is a pink, high quality, Glasswool thermal and acoustic ceiling insulation that is bonded with an inert, thermosetting resin. The strong, resilient, flexible blankets are supplied in compression packed rolls and are easy to cut and install.

QUALITY MANAGEMENT SYSTEM

ISOVER products are manufactured according to ISO 9001:2000.

ENVIRONMENTAL SUSTAINABILITY

ISOVER products are manufactured according to ISO 14001:2004.

Less material, less energy and less emissions

- ▶ Zero ozone depleting potential (ODP)
- ▶ Zero global warming potential (GWP)

FEATURES & BENEFITS

- ▶ Lifelong energy savings
- ▶ Lightweight and easy to install
- ▶ Exceptional thermal and acoustic properties
- ▶ Safe application and use
- ▶ Maintenance free
- ▶ Long product life - will not readily age
- ▶ SABS mark (SABS 1381 part 1)
- ▶ Compression packed to reduce volume and optimise transport and storage.

FIRE PROPERTIES

- ▶ No Health risk
- ▶ Non-combustible - tested to SANS 10177-5
- ▶ SANS 428 fire classification - A/A1/1
- ▶ EN 13501 fire classification - A1

THERMAL PROPERTIES

Contributes to indoor comfort and contributes to lifelong savings by reducing heat loss/gain due to its inherent thermal insulation properties.

ACOUSTIC PROPERTIES

Offers exceptional acoustic properties and enhances indoor environmental quality by absorption of noise. Aerolite ceiling insulation reduces the sound transmission to and from a room.

APPLICATIONS

Ceiling insulation in:

- ▶ Residential buildings
- ▶ Retrofit in existing homes
- ▶ Top up insulation
- ▶ Non-residential buildings

DURABILITY

- ▶ Odourless, inert and fully compatible with all standard building materials and components
- ▶ Will not promote corrosion of steel, copper or aluminium
- ▶ Will not sustain vermin
- ▶ Will not breed or promote fungi, mould or bacteria
- ▶ Non-hygroscopic
- ▶ Dust settlement will not hamper the product's performance.



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PHYSICAL PROPERTIES

Rval (m ² .K/W)	Thickness (mm)	Length (mm)	Width (mm)	k-value (W/m.K)	Pack Volume per roll (m ³)	NRC Value
1.14	50	10000	1200	0.044	0.150	0.80
1.88	75	8000	1200	0.040	0.189	0.95
2.50	100	6000	1200	0.040	0.265	1.00
3.38	135	5000	1200	0.040	0.250	1.10

Typical values for glasswool type 1; 10kg/m³ for 50mm and 11kg/m³ for thicknesses 75mm and above.

Aerolite 50mm and 75mm can be installed as top-up in homes that already have insulation but do not meet the stipulated minimum requirements for new buildings in SANS 10400-XA.

TOOLS NEEDED FOR INSTALLATION

A sharp knife or wood saw, tape measure and a balancing plank (to prevent ceiling damage).

INSTALLATION INSTRUCTIONS

1. Measure the distance between the timber roof trusses.
2. Cut the Aerolite while still in the bag to the correct width to snugly fit the space between the roof trusses.
3. Roll out the Aerolite between the roof trusses on top of the ceiling.
4. It is advisable to lay the Aerolite underneath any wiring and to cut around any down lights to prevent overheating of light fitting.
5. Wrap off-cuts around pipes to prevent them freezing in winter.

WARNING: Be careful not to step onto the ceiling board as you may damage the board or fall through the ceiling.

HANDLING & STORAGE

Store product under cover and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact. Do not apply excessive pressure, for example by standing or sitting on the product, as permanent damage may be caused.

ARCHITECTURAL SPECIFICATION

Install (50/75/100/135)mm thick flexible noncombustible lightweight "Aerolite" insulation material between the roof trusses and over bracing/purlins in a completed roof and ceiling system. Installation strictly in accordance with the manufacturer's detail and specification.



ISOVER reserves the right to alter or amend product specification without notice. The information given in this publication is correct to the best of our knowledge at the time of publication. Whilst Isover will endeavour to ensure publications are up to date, it is the users' responsibility to check with us that it is correct prior to use.

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EXAMPLE OF STANDARD SKU NAMING CONVENTION

SKU #	Material description	Facing 1/ Facing 2	Length X Width X Thickness	Density	Detail of facing/ features	Status*
21115	AEROLITE	-	6000X1200X100	-11		

*MTO - Make to Order / Blank - Stock item



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