MAXWOOL®
THERMAL INSULATION & SOUNDPROOFING SOLUTION

PRODUCT
CATALOG

MAXWOOL®
GLASS WOOL

COMFORT INSIDE, BALANCE OUTSIDE!

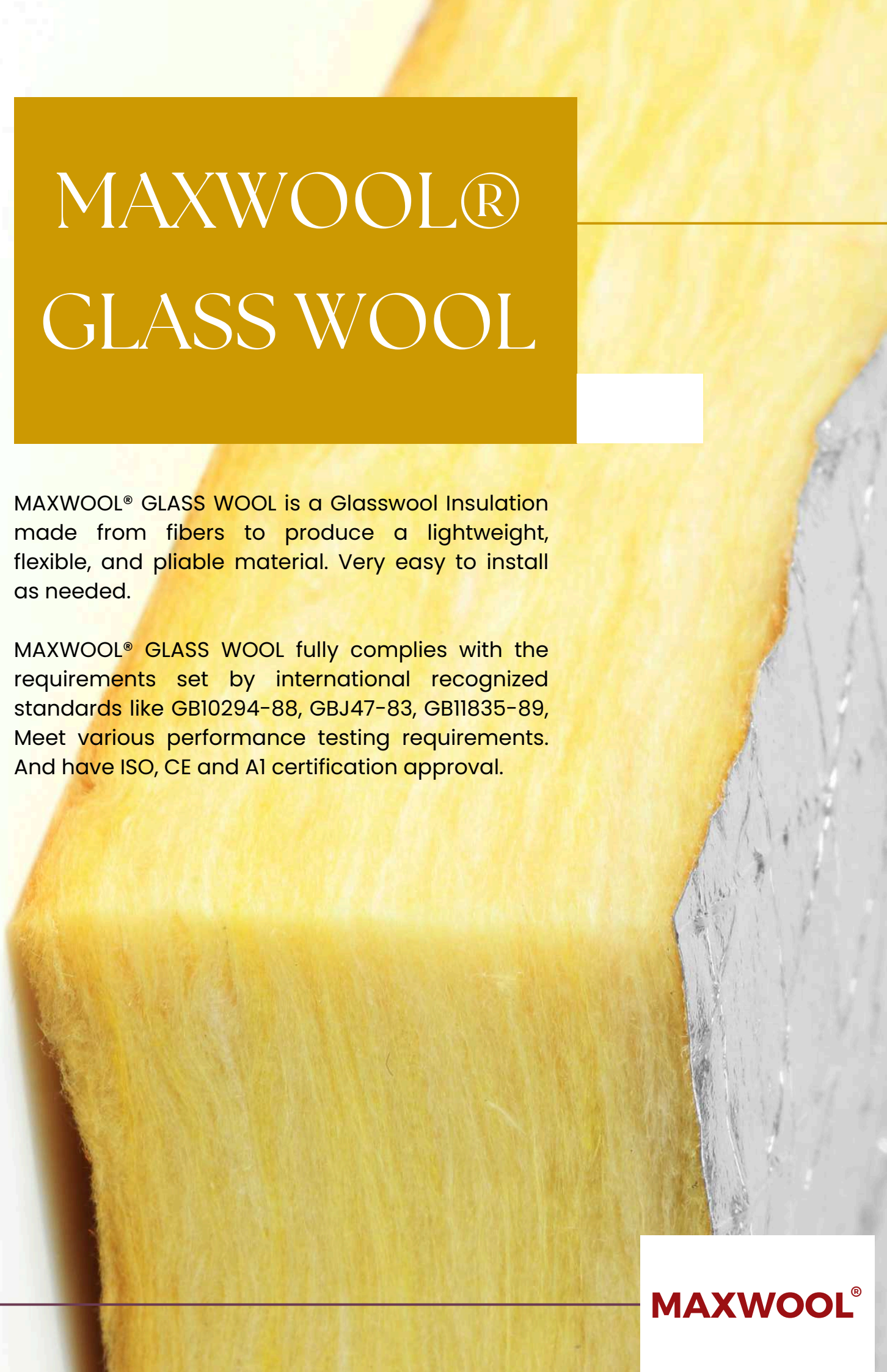
MAXWOOL®

"Effective insulation, energy saving.."

MAXWOOL® GLASS WOOL

MAXWOOL® GLASS WOOL is a Glasswool Insulation made from fibers to produce a lightweight, flexible, and pliable material. Very easy to install as needed.

MAXWOOL® GLASS WOOL fully complies with the requirements set by international recognized standards like GB10294-88, GBJ47-83, GB11835-89, Meet various performance testing requirements. And have ISO, CE and A1 certification approval.



MAXWOOL®

Glasswool is a kind of glass fiber and a kind of artificial inorganic wool, adopting such ores as quartz sand, limestone, as the main ingredients. This product contains the following substances.

INGREDIENTS	CONTENT
Fiber Glass	85-100
Cured Binder	0-15 weight

Effective fire protection

As a non-combustible material, no fire propagation, neither poisonous gas.

Thermal Insulation

Low thermal conductivity & excellent warming effect.

Acoustic Insulation

Excellent sound absorption effect with fine fiber structure.

Easy Installation

Light & Flexible.

Water Resistance

Water-repellent treatment does not reduce insulation performance due to moisture and water-repellent is fast.

Durable

As an inorganic product, it has excellent water resistance, chemical resistance, and earthquake resistance.

Cost Effectiveness

Permanent heating and cooling cost savings with just one installation.

MAXWOOL®

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MATERIAL SAFETY DATA SHEET

Health, Enviromental Protection

Glass Wool Doesn't contain rock wool and doesn't grow the mould, It also doesn't supply the condition of growth of microorganism, so it is pointed as the environment friendly product by the National Building Materials Test Center.

Non-corrosive

Glass Wool has good performances such as heat insulation, sound absorption and noise reduction. Meanwhile, the product has the light texture, corrosion-resistance, non-combustion and other futures.

Sound Absorption And Noise Reduction

Glass wool has low slag ball content, thin and long inner fiber, so it can stop air flowing and heat transforming and meanwhile it can reduce the transportation of sound quickly and reduce the thermal conductivity. so as to produce effects of insulation and sound-absorption.

Eye Irritation

immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Do not rub or scratch eyes.

If eye irritation persists, consult a specialist.

Skin Irritation

Wash off immediately with soap and cold water. DO NOT use warm water because this will open up the pores of the skin, which will cause further penetration of the fibers.

Use a wash cloth to help remove fibers.
DO NOT rub or scratch affected areas. Remove contaminated clothing.

If irritation persists get medical attention.

Never use compressed air to remove fibers from the skin.

If fibers are seen penetrating from the skin, the fibers can be removed by applying and removing adhesive tape so that the fibers adhere to the tape and are pulled out of the skin

DISPOSAL CONSIDERATIONS

- Waste Disposal :
  Placed in a sealed, properly labeled plastic bag for disposal at an approved land ll
- Suitable Label :
  "Note: Synthetic Mineral Fiber Waste"
- Cleaning :
  Use a micro vacuum cleaner or water to clean

PHYSICAL & CHEMICAL INFORMATION

PHYSICAL STATE	SOLIDD STATE
Bulk density (density)	10-100Kg/m3
Hydrophobicity property	≥98.5%
re-proof property	Class A1 Noncombustible
Maximum operation temperature	480°C
Thermal conductivity (W/m-K) 70 °C	0.04
Water Vapor Permeance Foil faced	0.5

BREATHABLE PERFORATED FOIL FACING (SEMI-INCOMBUSTIBLE)

Non-combustible glass wool with water repellency

MAXWOOL®
GLASS WOOL
BLANKET

ADVANTAGES

- Available in a wide range of thicknesses
- Suitable for high temperature application
- Suitable for the thermal and acoustic insulation
- Retains shape

SPECIFICATION

Density	16-60 kg/m3
Thickness	25-50 mm
Width	1.2 m
Length	25-50 m

MAXWOOL®

MAXWOOL ®
GLASS WOOL BLANKET

It has excellent insulation, heat preservation, sound absorption, easy to install and prevents condensation by attaching silver foil or vapor barrier to one side.

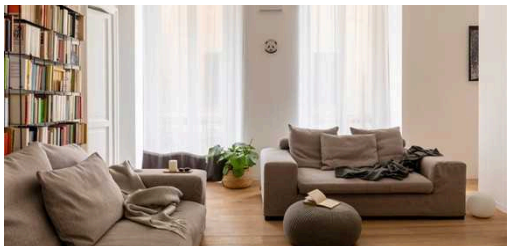
APPLICATION

- Insulation materials for building ceilings, roof, walls, etc.
- Thermal insulation for construction(duct), industrial(tank)
- Thermal & sound insulation for boiler, fire door, vehicles and ships.
- Thermal insulation for agricultural (shed, greenhouse, warehouse, etc.)

REFERENCE

Easy To Transportation

Applied Interior



SPESIFICATION

Density	Manufacture Spec.			Facing	Certification	Reaction to Fire Class
(kg/m3)	Thickness (m)	Width (m)	Length (m)			
16-60	~25-50	1.2	~15-30	Aluminium Foil	CE	Euro Class A1 Non Combustible

Note : The technical data sheet is based on tests performed in the Laboratory. Nothing herein to be construed as a warranty or representation and we recommend, However, that all potential users of the product make their own actual tests prior to using it on industrial scale.

MAXWOOL®

GLASS WOOL BLANKET

TECHNICAL PARAMETERS

Description	Unit	Index	Remaks
Density	kg/m3	16-60	GB483.3-85
Fiber Mid-diameters	μm	5.5	GB5480.4-85
Hydrophobicity	%	98.5	GB10299-88
Thermal Conductivity	w/m.k	0.033	GB10294-88
Noncombustibility	0	Noncombustible (A)	GB5464-85
Sound Absorption Coefficient	0	1.03 product reveberation method 24kg/m3 2000HZ	GBJ47-83
Max. Temperature	℃	480	GB118135-89

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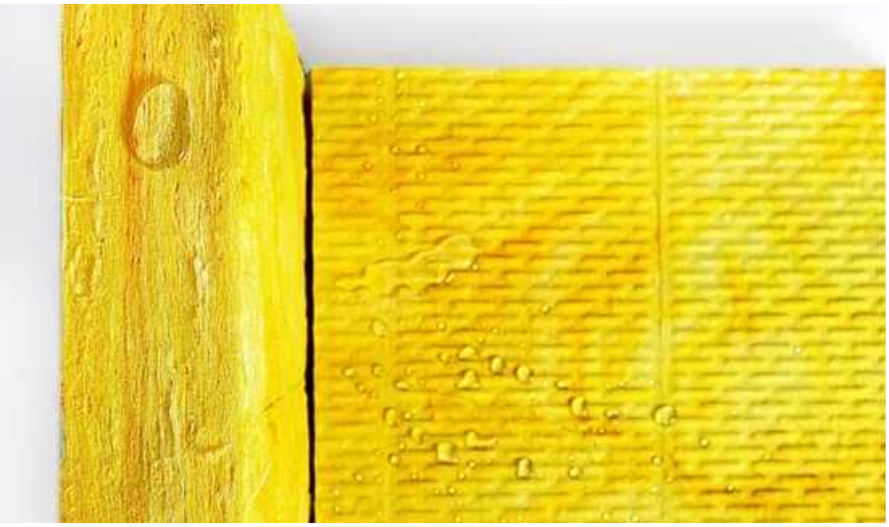
MAXWOOL®

GLASS WOOL

BOARD

SPECIFICATION

Density	16-60 kg/m3
Thickness	25-50 mm
Width	1.2 m
Length	25-50 m



ADVANTAGES

- Available in a wide range of thicknesses
- Suitable for high temperature application
- Suitable for the thermal and acoustic insulation
- Retains shape

MAXWOOL ®
GLASS WOOL BOARD

As a thin and uniform fiber diameter, it has low thermal conductivity. Excellent insulation and heat preservation effects as well as sound absorption due to the formation of fine continuity voids.

APPLICATION

- Insulation and sound absorption material for apartment walls and ceilings, internal and external walls of general buildings

REFERENCE

Wall instalation

Applied Interior

SPESIFICATION

Density	Manufacture Spec.			Facing	Certification	Reaction to Fire Class
(kg/m3)	Thickness (m)	Width (m)	Length (m)			
16-60	~25-50	1.2	~15-30	Aluminium Foil	CE	Euro Class A1 Non Combustible

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MAXWOOL®
GLASS WOOL BOARD

TECHNICAL PARAMETERS

Description	Unit	Index	Standard
Density	kg/m3	16-60	
Average Fiber Dia	μm	5-7	GB/T 5480
Water Content	%	1	GB/T 20313
Grade of Combustibility		Non-combustible Grade A	GB 8624
Reshrinking Temp	℃	250-400	GB/T 5480
Thermal Conductibility	w/m.k	0.034-0.050(25℃)	GB/T 10294
Hydrophobicity	%	≥98	GB/T 10299
Moisture Rate	%	5	GB/T 5480
Noise Reduction coefficient		Reverbation method	GB/T 20247
Slag inclusion content	%	≥0.3	GB/T 5480

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Insulation for building and industrial plumbing facilities.

MAXWOOL®

GLASS WOOL

PIPE

ADVANTAGES

- Available in a wide range of thicknesses
- Suitable for high temperature application
- Fibrous material with HD facing
- Retains shape

SPECIFICATION

Density	64 kg/m3
Thickness	25-50 mm
Inner dia.	15-450mm
Length	1000 mm

MAXWOOL®

GLASS WOOL PIPE

TECHNICAL PARAMETERS

Description	Unit	Index	Remaks
Density	kg/m3	64	
Fiber Mid-diameters	μm	5.5	GB5480.4-85
Hydrophobicity	%	98.5	GB10299-88
Thermal Conductivity	w/m.k	0.033	GB10294-88
Noncombustibility	0	Noncombustible (A)	GB5464-85
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KEEP IN TOUCH

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