THERMOWOOL

FAMILY COMPANY WITH A VISION

PRODUCT CATALOGUE

THERMOWOOL

FAMILY COMPANY WITH A VISION

We are a family company with over 20 years of working experience in the field of insulation materials. International clients and numerous executed projects throughout Austria, Germany and other European countries are a guarantee of our quality.

Our main goal is development and innovation in the field of thermal insulation materials. Desire to provide customers with the most up-to-date solutions, a quality product and a partner for sustainable construction, inspired us to open a manufacturing plant for thermal insulation products made of mineral glass fibers.

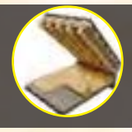
Glass wool is a sustainable environmentally friendly material with reduced CO_2 emissions, it is easy to process and transport, it is completely recyclable, it has excellent characteristics in terms of non-flammability and excellent in terms of quality-price ratio.

Our production plant is equipped with the latest technology and equipment, our employees have passed professional training and are specialized in their work in order to provide the best service and guarantee of quality.

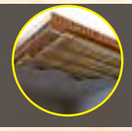
Join our family so we can build a better future together.

6-7 pg
Product aplications

8 pg
TWOOL Basic



9 pg
TWOOL Basic +

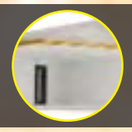


10 pg
TWOOL Acoustic

11 pg
TWOOL Multilux

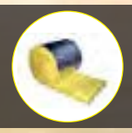
12 pg
TWOOL Multilux Duo

13 pg
TWOOL CB-Therm



14 pg
TWOOL FasBoard

15-16 pg
Technical insulation



17-18 pg
Notes & Certificates

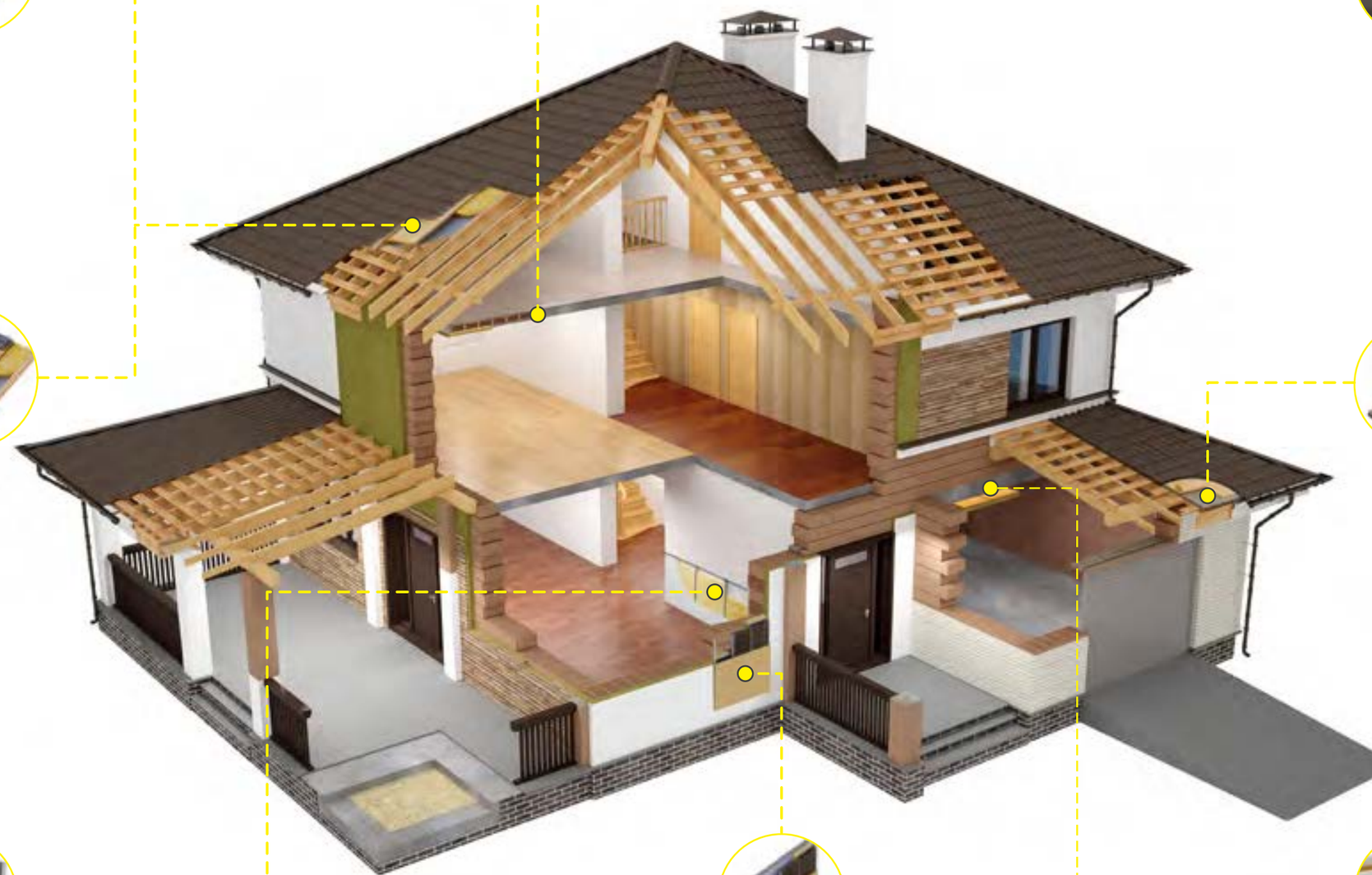
THERMOWOOL PRODUCT APLICATIONS

TWOOL Multilux

self-supporting insulation felt for heat and sound insulation used in building attics and passive houses, it is easy to process and install due to its elasticity and compactness.

TWOOL Multilux Duo

self-supporting insulation felt for heat and sound insulation of passive houses and wooden frame constructions up to 575 mm width. It is easy to process and install due to its elasticity and compactness



TWOOL Basic +

self-supporting insulation felt for heat and sound insulation in positions without weight bearing: for ceilings, suspended ceilings, drywall partition walls, pitched roofs and as filling of cavity (wooden) constructions.

TWOOL Basic

light felt for all types of thermal insulation in positions without weight bearing: for ceilings, suspended ceilings, drywall partition walls, pitched roofs and as filling of cavity (wooden) constructions.

TWOOL Acoustic

light felt for sound and thermal insulation of drywall surface, especially in a system with a metal substructure and plasterboard panels. The width of the roll corresponds to the exact installation width (600 mm i 625 mm). Exceptional performance of sound insulation and fire resistance for different types of partition walls from plasterboards.

TWOOL FasBoard

semi-hard water-repellent facade panel, covered on one side with reinforced glass veil designed for thermal, sound and fireproofing insulation ventilated facades.

TWOOL CB-Therm

semi-hard water-repellent insulating board, covered on one side with reinforced glass veil designed for thermal and sound insulation of the of industrial facilities, in positions without weight bearing: ceilings of garages, basements of workshops and storage rooms without adding finishing touches.

TWOOL Basic light felt for all types of thermal insulation in positions without weight bearing: for ceilings, suspended ceilings, drywall partition walls, pitched roofs and as filling of cavity (wooden) constructions.

Thickness (mm)	Nominal thickness (mm)	Width (mm)	Length (mm)	Number of pcs./ roll	m^2/ roll	Number of rolls/ pallet	m^2/ pallet
100/50	50	1200	7500	1	18,00	24	432,00
120/60	60	1200	6000	1	14,40	24	345,60
160/80	80	1200	5000	1	12,00	24	288,00
100	100	1200	7500	1	9,00	24	216,00
120	120	1200	6000	1	7,20	24	172,80
140	140	1200	5000	1	6,00	24	144,00
150	150	1200	5000	1	6,00	24	144,00
160	160	1200	5000	1	6,00	24	144,00
180	180	1200	4000	1	4,80	24	115,20
200	200	1200	3500	1	4,20	24	100,80

Technical specifications:

Thermal conductivity coefficient: **0,039 W/mK** | EN 12667
Fire reaction classification: **A1- inflammable material** | EN 13501-1
Thickness tolerances class: **T1** | EN 823
Air flow resistance: **≥ 5 kPa · s/m²** | EN 29053

PACKAGING, TRANSPORT AND STORAGE:

The product is delivered in the original packaging and contains compressed rolls on a pallet protected by polyethylene foil and transparent foil. Products must be stored on a flat and dry surface in an enclosed space or covered area. In exceptional situations outdoor storage is possible if the product is protected with a rainproof foil.

TWOOL Basic + self-supporting insulation felt for heat and sound insulation in positions without weight bearing: for ceilings, suspended ceilings, drywall partition walls, pitched roofs and as filling of cavity (wooden) constructions.

Thickness (mm)	Nominal thickness (mm)	Width (mm)	Length (mm)	Number of pcs./ roll	m^2/ rolna	Number of rolls/ pallet	m^2/ pallet
100/50	50	1200	7500	1	18,00	24	432,00
120/60	60	1200	6000	1	14,40	24	345,60
160/80	80	1200	5000	1	12,00	24	288,00
100	100	1200	7500	1	9,00	24	216,00
120	120	1200	6000	1	7,20	24	172,80
140	140	1200	5000	1	6,00	24	144,00
150	150	1200	5000	1	6,00	24	144,00
160	160	1200	5000	1	6,00	24	144,00
180	180	1200	4000	1	4,80	24	115,20
200	200	1200	3500	1	4,20	24	100,80

Technical specifications:

Thermal conductivity coefficient: **0,038 W/mK** | EN 12667
Fire reaction classification: **A1- inflammable material** | EN 13501-1
Thickness tolerances class: **T1** | EN 823
Air flow resistance: **≥ 5 kPa · s/m²** | EN 29053

PACKAGING, TRANSPORT AND STORAGE:

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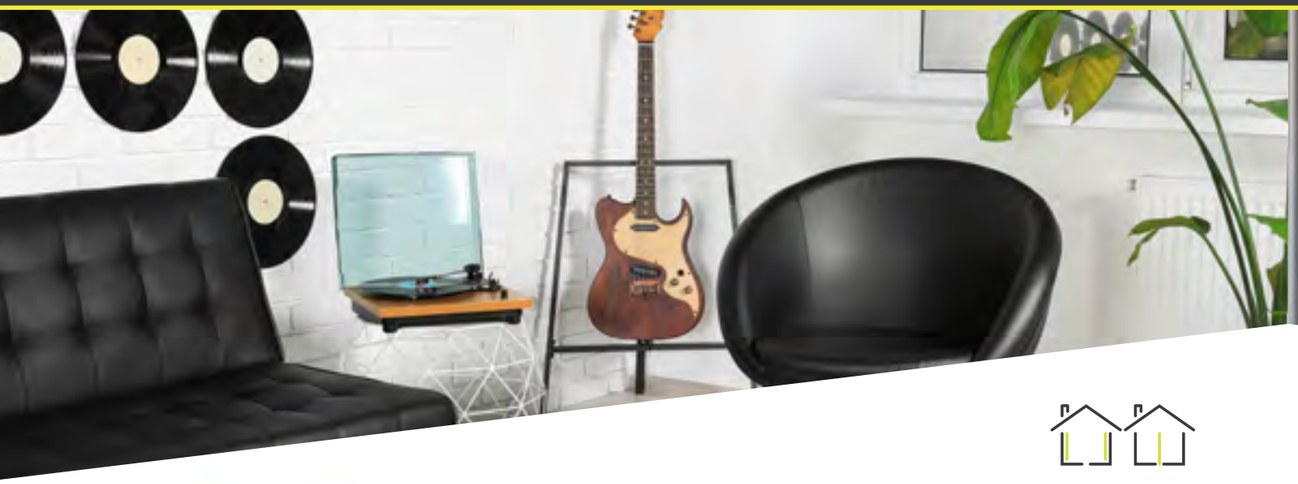
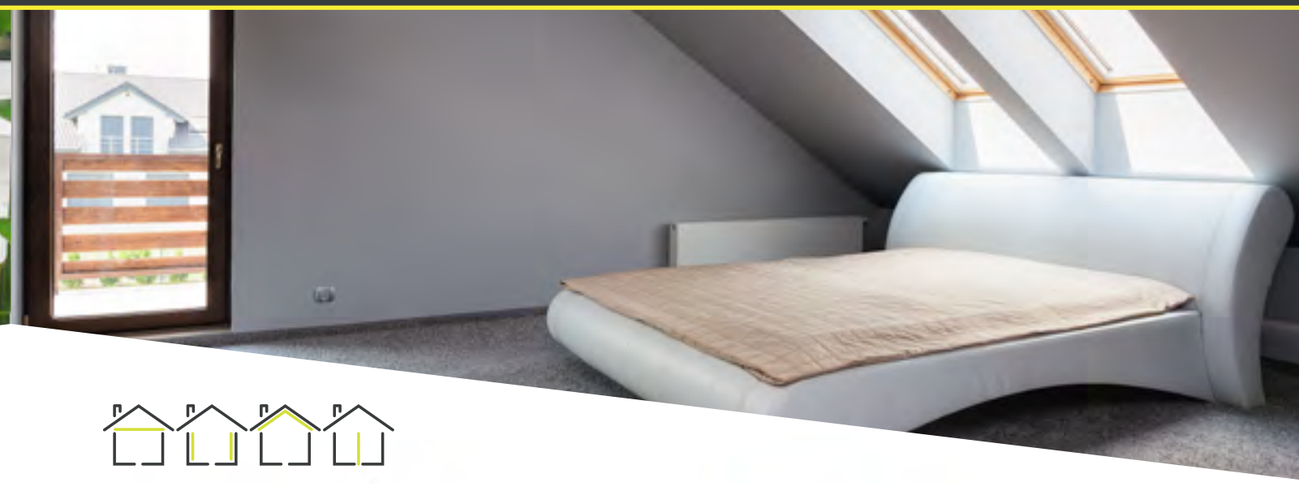
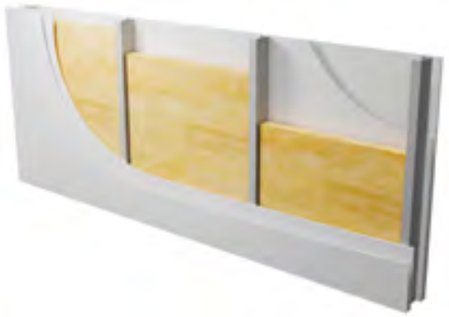
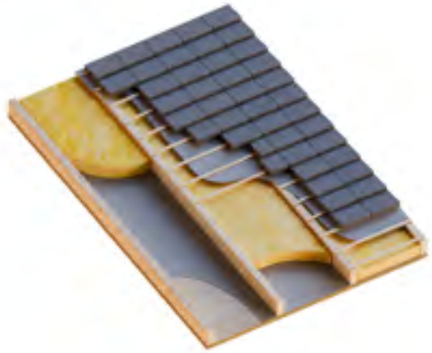








TWOOL Acoustic light felt for sound and thermal insulation of drywall surface, especially in a system with a metal substructure and plasterboard panels. The width of the roll corresponds to the exact installation width (600 mm i 625 mm). Exceptional performance of sound insulation and fire resistance for different types of partition walls from plasterboards.

Thickness (mm)	Nominal thickness (mm)	Width (mm)	Length (mm)	Number of pcs./ roll	m^2/ roll	Number of rolls/ pallet	m^2/ pallet
75	75	625	9000	2	11,25	24	270,00
100	100	625	7500	2	9,38	24	225,00
75	75	600	9000	2	10,80	24	259,20
100	100	600	7500	2	9,00	24	216,00
80/40	40	625	9000	2	22,50	24	540,00
100/50	50	625	7500	2	18,75	24	450,00
120/60	60	625	6500	2	16,25	24	390,00
100/50	50	600	7500	2	18,00	24	432,00

Technical specifications:

Thermal conductivity coefficient: **0,039 W/mK** | EN 12667
Fire reaction classification: **A1- inflammable material** | EN 13501-1
Thickness tolerances class: **T1** | EN 823
Air flow resistance: **≥ 5 kPa · s/m²** | EN 29053

PACKAGING, TRANSPORT AND STORAGE:

The product is delivered in the original packaging and contains compressed rolls on a pallet protected by polyethylene foil and transparent foil. Products must be stored on a flat and dry surface in an enclosed space or covered area. In exceptional situations outdoor storage is possible if the product is protected with a rainproof foil.

TWOOL Multilux self-supporting insulation felt for heat and sound insulation used in building attics and passive houses, it is easy to process and install due to its elasticity and compactness.

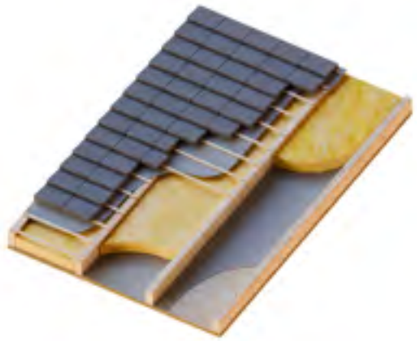
Thickness (mm)	Nominal thickness (mm)	Width (mm)	Length (mm)	Number of pcs./ roll	m^2/ rolna	Number of rolls/ pallet	m^2/ pallet
100/50	50	1200	5300	1	12,72	24	305,28
160/80	80	1200	3300	1	7,92	24	190,08
100	100	1200	5300	1	6,36	24	152,64
120	120	1200	4400	1	5,28	24	126,72
130	130	1200	4100	1	4,92	24	118,08
140	140	1200	3800	1	4,56	24	109,44
160	160	1200	3300	1	3,96	24	95,04
180	180	1200	2900	1	3,48	24	83,52
200	200	1200	2700	1	3,24	24	77,76

Technical specifications:

Thermal conductivity coefficient: **0,034 W/mK** | EN 12667
Fire reaction classification: **A1- inflammable material** | EN 13501-1
Thickness tolerances class: **T1** | EN 823
Air flow resistance: **≥ 5 kPa · s/m²** | EN 29053

PACKAGING, TRANSPORT AND STORAGE:

The product is delivered in the original packaging and contains compressed rolls on a pallet protected by polyethylene foil and transparent foil. Products must be stored on a flat and dry surface in an enclosed space or covered area. In exceptional situations outdoor storage is possible if the product is protected with a rainproof foil.



TWOOL Multilux Duo self-supporting insulation felt for heat and sound insulation of passive houses and wooden frame constructions up to 575 mm width. It is easy to process and install due to its elasticity and compactness.

Thickness (mm)	Nominal thickness (mm)	Width (mm)	Length (mm)	Number of pcs./ roll	m^2/ roll	Number of rolls/ pallet	m^2/ pallet
80/40	40	575	6600	2	15,18	24	364,32
100/50	50	575	5300	2	12,19	24	292,56
80	80	575	6600	2	7,59	24	182,16
100	100	575	5300	2	6,10	24	146,28

Technical specifications:

Thermal conductivity coefficient: **0,034 W/mK** | EN 12667
Fire reaction classification: **A1- inflammable material** | EN 13501-1
Thickness tolerances class: **T1** | EN 823
Air flow resistance: **≥ 5 kPa · s/m²** | EN 29053

PACKAGING, TRANSPORT AND STORAGE:

The product is delivered in the original packaging and contains compressed rolls on a pallet protected by polyethylene foil and transparent foil. Products must be stored on a flat and dry surface in an enclosed space or covered area. In exceptional situations outdoor storage is possible if the product is protected with a rainproof foil.

TWOOL CB-Therm semi-hard water-repellent insulating board, covered on one side with reinforced glass veil designed for thermal and sound insulation of the of industrial facilities, in positions without weight bearing: ceilings of garages, basements of workshops and storage rooms without adding finishing touches.

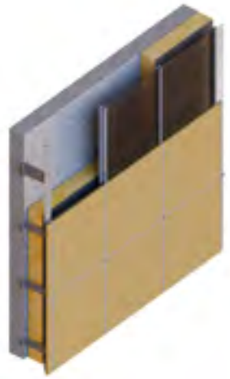
Thickness (mm)	Width (mm)	Length (mm)	Number of pcs./ package	m^2 / package	Number of packages/ pallet	m^2/ pallet
50	600	1200	12	8,64	12	103,68
60	600	1200	10	7,20	12	86,40
80	600	1200	6	4,32	12	51,84
100	600	1200	6	4,32	12	51,84
120	600	1200	5	3,60	12	43,20
160	600	1200	3	2,16	12	25,92
200	600	1200	3	2,16	12	25,92

Technical specifications:

Thermal conductivity coefficient: **0,034 W/mK** | EN 12667
Fire reaction classification: **A1- inflammable material** | EN 13501-1
Thickness tolerances class: **T4** | EN 823
Air flow resistance: **≥ 1 kPa · s/m²** | EN 29053

PACKAGING, TRANSPORT AND STORAGE:

The product is delivered in the original packaging and contains compressed rolls on a pallet protected by polyethylene foil and transparent foil. Products must be stored on a flat and dry surface in an enclosed space or covered area. In exceptional situations outdoor storage is possible if the product is protected with a rainproof foil.



TWOOL FasBoard semi-hard water-repellent facade panel, covered on one side with reinforced glass veil designed for thermal, sound and fireproofing insulation ventilated facades.

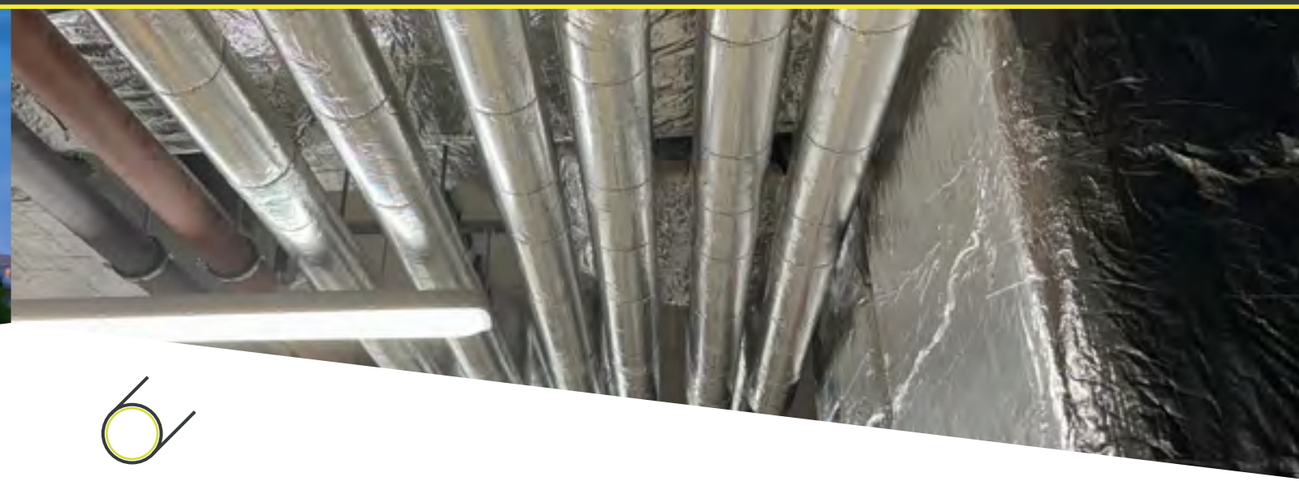
Thickness (mm)	Width (mm)	Length (mm)	Number of pcs./ package	m^2 / package	Number of packages/ pallet	m^2/ pallet
50	600	1200	12	8,64	12	103,68
60	600	1200	10	7,20	12	86,40
80	600	1200	6	4,32	12	51,84
100	600	1200	6	4,32	12	51,84
120	600	1200	5	3,60	12	43,20
140	600	1200	4	2,88	12	34,56
150	600	1200	4	2,88	12	34,56
160	600	1200	3	2,16	12	25,92
180	600	1200	3	2,16	12	25,92
200	600	1200	3	2,16	12	25,92

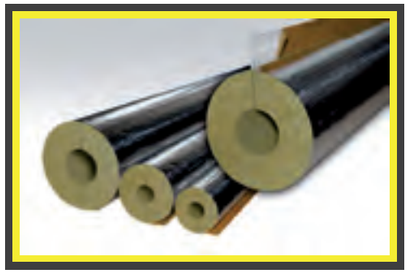
Technical specifications:

Thermal conductivity coefficient: **0,034 W/mK** | EN 12667
Fire reaction classification: **A1- inflammable material** | EN 13501-1
Thickness tolerances class: **T4** | EN 823
Air flow resistance: **≥ 1 kPa · s/m²** | EN 29053

PACKAGING, TRANSPORT AND STORAGE:

The product is delivered in the original packaging and contains compressed rolls on a pallet protected by polyethylene foil and transparent foil. Products must be stored on a flat and dry surface in an enclosed space or covered area. In exceptional situations outdoor storage is possible if the product is protected with a rainproof foil.





RS 1 - insulation tubes for pipework with aluminum foil

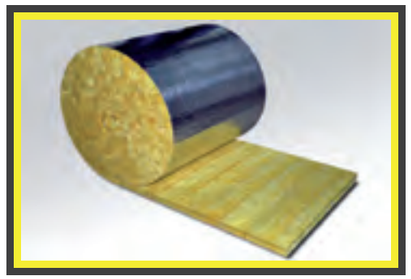
Thermal insulation of heating pipes - precisely cut rock wool insulation, cut on one side, coated with unbreakable aluminum foil, neutral smell in AS quality according to AGI Q 135. Simple assembly with double-sided adhesive tape. RS1 stone wool insulation tubes are used for thermal insulation of pipes installation of different diameters, with a limit application temperature of up to 250°C.

Flammability resistance: inflammable material A2 according to DIN EN 13501 - 1:2007+A1:2009
Thermal conductivity coefficient: 0,037 W/(mK) according to DIN 52613 -/ EN ISO 8497
Melting point: rock wool >1000°C
Product density: 80 kg/m^3
Maximum working temperature: 250°C
Product dimensions: all custom dimensions possible
Packaging: 1m length packed in cardboard box (39 x 39 x 101 cm) 12 box/pallet

RS 3 - insulation tubes for pipework

Thermal insulation for pipes - precisely cut insulation made of stone wool, cut on one side, without protection, in AS quality according to AGI Q 135, neutral smell and simple assembly. RS3 tubes are used for thermal insulation of pipe installations of different diameters, with a limit application temperature of up to 250°C.

Flammability resistance: inflammable material A1 according to DIN EN 13501 - 1:2007+A1:2009
Thermal conductivity coefficient: 0,040 W/(mK) according to DIN 52613 -/ EN ISO 8497
Melting point: rock wool >1000°C
Product density: 80 kg/m^3
Maximum working temperature: 250°C
Product dimensions: all custom dimensions possible
Packaging: 1m length packed in cardboard box (39 x 39 x 101 cm) 12 box/pallet

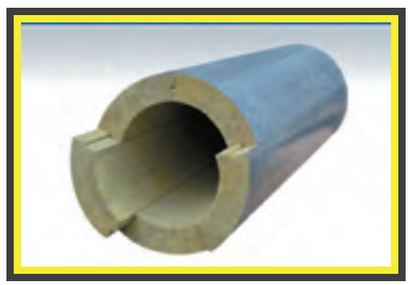


Lamella Mats
500/1000 mm wide.

Lamella Mats for thermal insulation made from high quality mineral glass wool, laminated on one side with reinforced aluminum foil.

Application: Insulation of ventilation ducts and ducts for distribution of hot and cold air, insulation of pipelines and reservoir.

Flammability resistance: inflammable material A2 according to DIN EN 13501
Thermal conductivity coefficient: 0,036 W/(mK) at +10°C according to DIN 52613/EN ISO 8497
Maximum working temperature: 250°C
Packaging: white clear bags 1m height, with two rolls 0,5 m each



RS 4 - insulation sections for pipework coted with aluminum foil

Stone wool insulation segments are the optimal solution for tanks and pipelines with a larger diameter. The advantage is in the simple installation in care of large tanks and pipelines, because it is not requiring additional construction. There is a possibility of producing them without aluminum foil.

Flammability resistance: inflammable material A2 according to DIN EN 13501 - 1:2007+A1:2009
Thermal conductivity coefficient: 0,040 W/(mK) according to DIN 52613 -/ EN ISO 8497
Melting point: rock wool >1000°C
Product density: 80 kg/m^3
Maximum working temperature: 250°C
Product dimensions: all custom dimensions possible

NOTES

EUCEB

CE

RAL GÜTEZEICHEN
Erzeugnisse aus MINERALWOLLE

UMC IMS

International Organization for Standardization
ISO 9001

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