

terra\wool[®]

HEAT \ SOUND FIRE

*"comfort
never exist
without
insulation"*



PRODUCT CATALOGUE

     terrawooltr

 www.terra wool.com





*"comfort
never exist
without
insulation"*



Heat Insulation and
Energy Efficiency



Sound Insulation and
Comfort



Fire Insulation and
Safety



Water Vapor
Permeability



terra|WOOL®

HEAT | SOUND | FIRE

Stone wool is a natural insulation material obtained with a special process in which volcanic rocks such as basalt, dolomite and diabase are melted at 1400-1600°C and turned into lava and then lava is transformed into fiber and mixed with a binding agent.

Terrawool stone wool prevents humidity from being held in buildings and negative effects of it thanks to its low diffusion resistance by acting like a good water repellent.

With its dimensional stability, it is not affected by the temperature transitions that may occur. High temperature resistant Terrawool stone wool insulates heat and sound with a single material. It is also a safe material for fire insulation.

Our production facilities are located in the organized industrial zone of Kayseri-Incesu central district. It is the largest facility of Turkey on a 250 thousand m² of land with 50 thousand m² enclosed area, with its 100% domestic capital. Equipped with advanced technology, the facility can produce in any size and type with 80 thousand tons/ year capacity.

As **Terrawool**, we work to make the end-users who use our materials through all our dealers feel that we are always with them before and after the application. To this end, we will endeavor to produce quality works and give our foremen the courses and in-service trainings and continue these trainings on a regular basis.

His Tekstil, our group company and the founder and owner of our factory, was established at the 1st Organized Industrial Zone, Kayseri in 1996 on a 67.000 m² of land and has 48.000 m² of enclosed area and it continues its activity at our ring facility of 66.048 spindle capacity.

The principle of the group is to quality products and to give importance to after-sales service with honesty.



"Comfort never exist without insulation"

Partition Board

Product description: It is a stone wool plate that does not need to have high compressive strength but can carry itself in vertical position. It is used in areas where heat, sound, fire insulation and acoustic details are required.

Application areas



It can be used in the interior walls, stairs and lift spaces of all kinds of buildings, and for the heat, sound and fire insulation of outer walls that can be coated. It can be used in places where there may be condensation problem depending on the need.

Application principles

It is used as insulation for heat, sound, fire and acoustic purposes inside the cage systems formed with the wooden and metal carrier constructions. Stone wool plates should stand in vertical direction. If necessary, the insulation should be partially secured to the surface with the suspension pins. It is used with black and yellow fiber glass in areas where acoustic insulation is required. Acoustic walls should be covered with materials with a 50% perforated surface.



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Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWABL4040	40	40	600 × 1200	12	8.64	1.250	2.125
TWABL4050	40	50	600 × 1200	8	5.76	1.000	1.700
TWABL4060	40	60	600 × 1200	8	5.76	833	1.416
TWABL4070	40	70	600 × 1200	6	4.32	715	1.214
TWABL4080	40	80	600 × 1200	6	4.32	625	1.063
TWABL40100	40	100	600 × 1200	4	2.88	500	850
TWABL40120	40	120	600 × 1200	4	2.88	416	700
TWABL5030	50	30	600 × 1200	15	10.80	1.666	2.833
TWABL5040	50	40	600 × 1200	12	8.64	1.250	2.125
TWABL5050	50	50	600 × 1200	8	5.76	1.000	1.700
TWABL5060	50	60	600 × 1200	8	5.76	833	1.416
TWABL5070	50	70	600 × 1200	6	4.32	715	1.214
TWABL5080	50	80	600 × 1200	6	4.32	625	1.063
TWABL50100	50	100	600 × 1200	4	2.88	500	850
TWABL50120	50	120	600 × 1200	4	2.88	416	700
TWABL7030	70	30	600 × 1200	15	10.80	1.666	2.833
TWABL7040	70	40	600 × 1200	12	8.64	1.250	2.125
TWABL7050	70	50	600 × 1200	8	5.76	1.000	1.700
TWABL7060	70	60	600 × 1200	6	4.32	833	1.416
TWABL7070	70	70	600 × 1200	6	4.32	715	1.214
TWABL7080	70	80	600 × 1200	5	3.60	625	1.063
TWABL70100	70	100	600 × 1200	4	2.88	500	850
TWABL70120	70	120	600 × 1200	4	2.88	416	700

Reminders on Loading, Unloading, Transport and Storage:

- ▶ It should be done in closed areas in rainy weather.
- ▶ Stretch the canvas even when they are shipped for short distances.
- ▶ It should be stored in the package and the damaged package should not be used.
- ▶ Packages should not be stacked on top of each other.
- ▶ The products are not be stepped on or used as a step.
- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.



Roof Blanket

Product description: Terrawool stone wool roof blanket produced for heat, sound and fire insulation.

Application areas

It is used for heat, sound and fire insulation in roofs such as gable roof, free standing roof and hipped roof.

Application principles

Once the roof surface is cleaned, the Terrawool stone wool roof blanket will be laid freely with no openings in the joints. Then the roof door is opened and walkway is constructed with planks on the wedges.

Product Code	Density	Thickness	Size	Roll			
	kg / m³	mm	mm x mm	piece	m²		
TWCS40100	40	100	1200 x 5000	1	6.00	900	1.800
TWCS40120	40	120	1200 x 3000	1	3.60	600	1.200
TWCS40140	40	140	1200 x 3000	1	3.60	360	720

Reminders on Loading, Unloading, Transport and Storage:

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- ▶ Packages should not be stacked on top of each other.
- ▶ The products are not be stepped on or used as a step.
- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
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Furnace Plate

Product description: High temperature resistant, aluminum foil or bare stone wool plates.

Application areas

Since the production is done for the firms manufacturing the furnace (oven), it is applied according to the details created by the producers.

Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWFL4040	40	40	600 x 1200	10	7.20	1.250	2.125
TWFL4050	40	50	600 x 1200	8	5.76	1.000	1.700

Reminders on Loading, Unloading, Transport and Storage:

- ▶ It should be done in closed areas in rainy weather.
- ▶ Stretch the canvas even when they are shipped for short distances.
- ▶ It should be stored in the package and the damaged package should not be used.
- ▶ Packages should not be stacked on top of each other.
- ▶ The products are not be stepped on or used as a step.
- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.



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hundred
per
cent
100%
DOMESTIC
CAPITAL

"Comfort never exist without insulation"

Solar Collector Plate

Product description: Bare stone wool plates produced in different sizes for solar collectors.

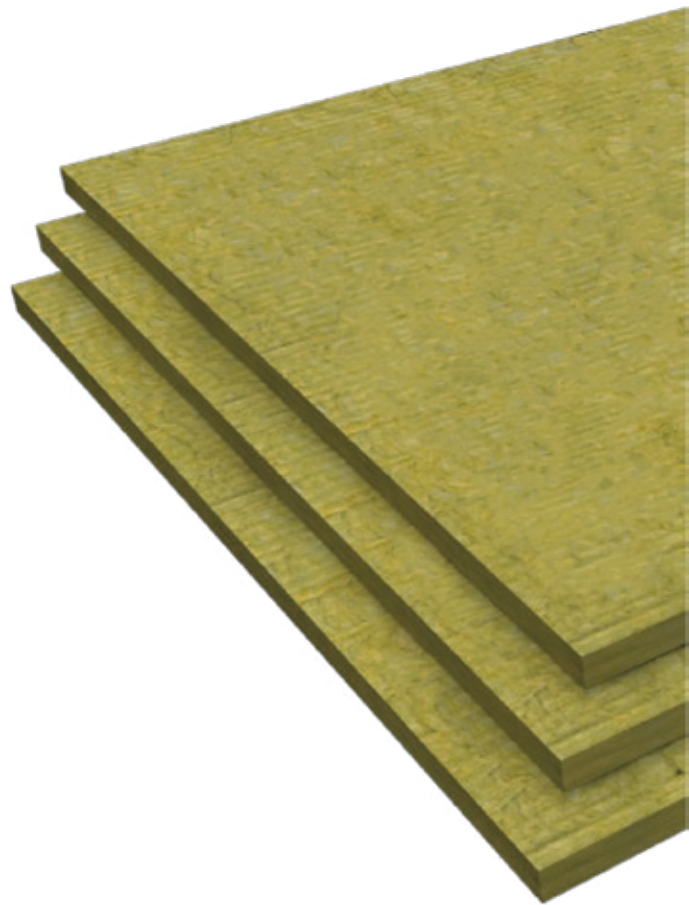
Application principles

As it is produced for the collector manufacturers, it is prepared according to the requirements of the application details.

Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWGKL4040	40	40	1100 × 1700	6	11.22	1.250	2.125
TWGKL4050	40	50	1100 × 1700	6	11.22	1.000	1.700

Reminders on Loading, Unloading, Transport and Storage:

- ▶ It should be done in closed areas in rainy weather.
- ▶ Stretch the canvas even when they are shipped for short distances.
- ▶ It should be stored in the package and the damaged package should not be used.
- ▶ Packages should not be stacked on top of each other.
- ▶ The products are not be stepped on or used as a step.
- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.



Air Conditioner Plate

Product description: One side is aluminum coated stone wool or bare stone wool sheet. It is applied in all technical channel details requiring heat, sound and fire insulation. Terrawool stone wool can be produced as an air conditioning plate, aluminum foil, yellow fiber glass or black fiber glass cover.

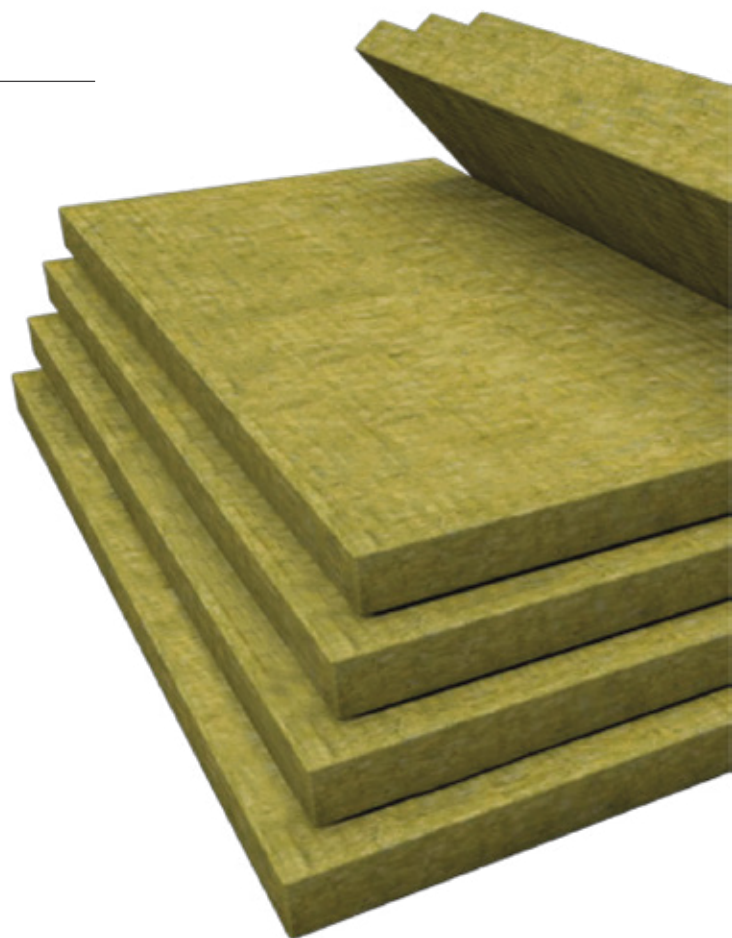
Application principles

Plates are to be fixed through insulation hanger pins that will be fixed outside the air conditioning ducts.

Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWKL7030	70	30	600 x 1200	15	10.80	1.666	2.833
TWKL7040	70	40	600 x 1200	12	8.64	1.250	2.125
TWKL7050	70	50	600 x 1200	8	5.76	1.000	1.700

Reminders on Loading, Unloading, Transport and Storage:

- ▶ It should be done in closed areas in rainy weather.
- ▶ Stretch the canvas even when they are shipped for short distances.
- ▶ It should be stored in the package and the damaged package should not be used.
- ▶ Packages should not be stacked on top of each other.
- ▶ The products are not be stepped on or used as a step.
- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.



Foil Air-Conditioner Plate

Product description: It is an aluminum coated stone wool or bare stone wool plate. It is applied in all technical channel details requiring heat, sound and fire insulation. TerraWool stone wool can be produced as an air conditioning plate, aluminum foil, yellow fiberglass or black fiberglass cover.

Application areas

It is used for heat, sound and fire insulation in air-conditioning channels and air-conditioning cells.

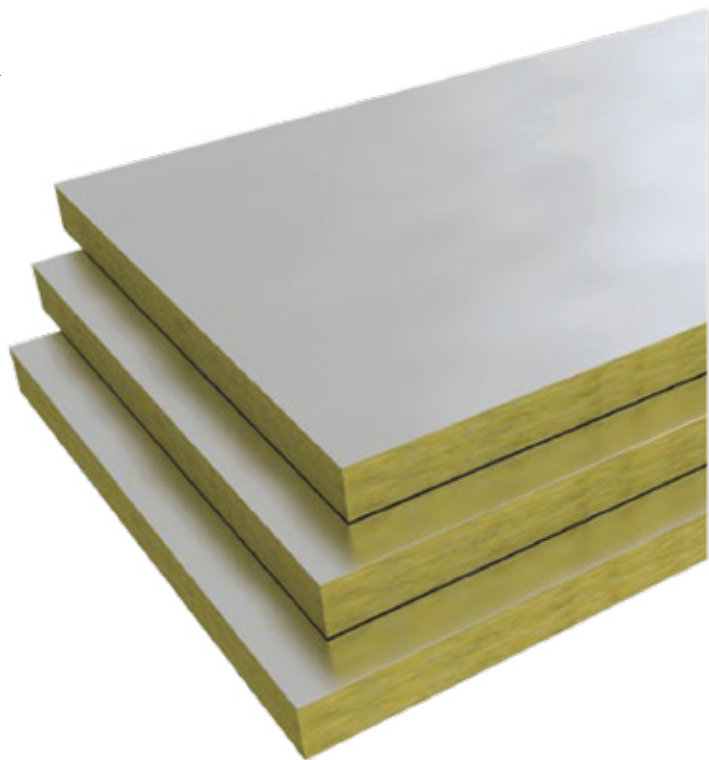
Application principles

Plates are to be fixed through insulation hanger pins that will be fixed outside the air conditioning ducts.

Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWFL7040	70	40	600 x 1200	12	8.64	1.250	2.125
TWFL7050	70	50	600 x 1200	8	5.76	1.000	1.700

Reminders on Loading, Unloading, Transport and Storage:

- ▶ It should be done in closed areas in rainy weather.
- ▶ Stretch the canvas even when they are shipped for short distances.
- ▶ It should be stored in the package and the damaged package should not be used.
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- ▶ The products are not be stepped on or used as a step.
- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
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Panel Board

Product description: It is specially produced for heat, sound and fire safety and sandwich panel manufacturing.

Application areas

It is used in all industrial buildings, storage areas, and roof and facade panels for heat, sound and fire safety.

Application principles

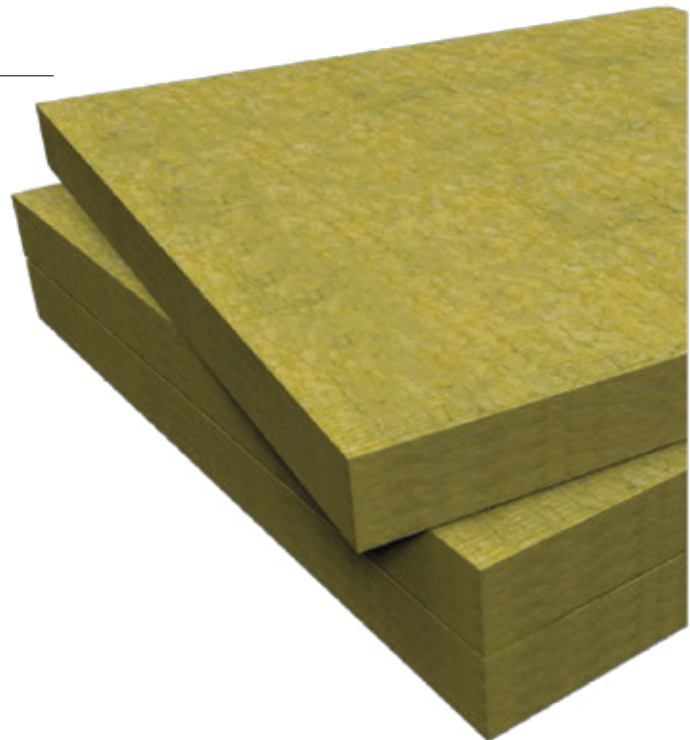
Since it is intended for the firms manufacturing sandwich roof and facade, it is produced depending on the details of the manufacturing companies.

Product Code	Density	Thickness	Size (mm)	In-Pack Pieces	m ² / Package
TWPL9075	90	75	1200 x 2000	28	67.20
TWPL9080	90	80	1200 x 2000	28	67.20
TWPL9085	90	85	1200 x 2000	25	60.00
TWPL90100	90	100	1200 x 2000	22	52.80

- 120 kg/m³ panel plate is produced.
- Plates in size of 1000 x 2000 mm are produced.

Reminders on Loading, Unloading, Transport and Storage:

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- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.



Exterior Plate

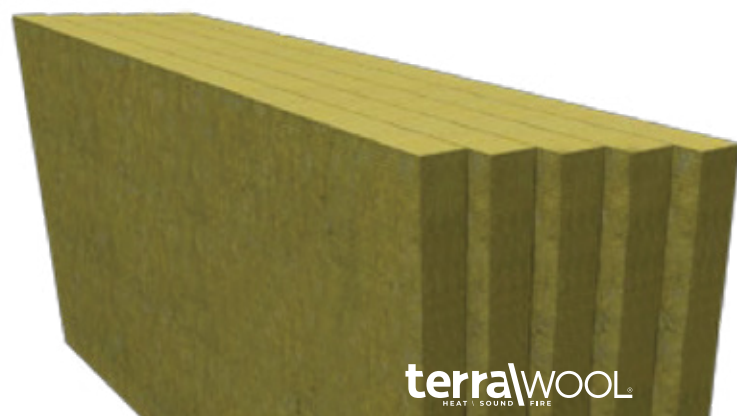
Product description: It is a plate, both surfaces of which are bare or one side is covered with black fiberglass, vertically carry itself, used for heat, sound and fire insulation.

Application areas



Stone wool plates are used in curtain wall systems behind the granite, marble, aluminum, glass facade and glass coating for heat, sound insulation and fire safety.

Application principles

Stone wool plates are installed in cage systems formed by metal construction on the facade walls or by means of wall plugs. Also, in ready-made panel systems, the plates can be installed on the facades as ready-made panels at the site following pre-installation at the factory. In the curtain wall systems, since the ventilation space formed between the carrier construction and the covering material has a chimney effect, it is very important to choose A class fireproof material group as humidity barrier in terms of fire safety.



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Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWDCL5040	50	40	600 × 1200	12	8.64	1.250	2.125
TWDCL5050	50	50	600 × 1200	8	5.76	1.000	1.700
TWDCL5060	50	60	600 × 1200	8	5.76	833	1.416
TWDCL5070	50	70	600 × 1200	6	4.32	715	1.214
TWDCL5080	50	80	600 × 1200	6	4.32	625	1.063
TWDCL50100	50	100	600 × 1200	4	2.88	500	850
TWDCL50120	50	120	600 × 1200	4	2.88	416	700
TWDCL5230	52	30	600 × 1200	15	10.80	1.666	2.833
TWDCL5240	52	40	600 × 1200	12	8.64	1.250	2.125
TWDCL5250	52	50	600 × 1200	8	5.76	1.000	1.700
TWDCL5260	52	60	600 × 1200	8	5.76	833	1.416
TWDCL5270	52	70	600 × 1200	6	4.32	715	1.214
TWDCL5280	52	80	600 × 1200	6	4.32	625	1.063
TWDCL52100	52	100	600 × 1200	4	2.88	500	850
TWDCL52120	52	120	600 × 1200	4	2.88	416	700
TWDCL10030	100	30	600 × 1200	8	5.76	1.666	2.833
TWDCL10040	100	40	600 × 1200	6	4.32	1.250	2.125
TWDCL10050	100	50	600 × 1200	4	2.88	1.000	1.700
TWDCL10060	100	60	600 × 1200	4	2.88	833	1.416
TWDCL10070	100	70	600 × 1200	3	2.16	715	1.214
TWDCL10080	100	80	600 × 1200	4	2.88	625	1.063
TWDCL100100	100	100	600 × 1200	3	2.16	500	850
TWDCL100120	100	120	600 × 1200	2	1.44	416	700
TWDCL11030	110	30	600 × 1200	8	5.76	1.666	2.833
TWDCL11040	110	40	600 × 1200	6	4.32	1.250	2.125
TWDCL11050	110	50	600 × 1200	4	2.88	1.000	1.700
TWDCL11060	110	60	600 × 1200	4	2.88	833	1.416
TWDCL11070	110	70	600 × 1200	3	2.16	715	1.214
TWDCL11080	110	80	600 × 1200	4	2.88	625	1.063
TWDCL110100	110	100	600 × 1200	3	2.16	500	850
TWDCL110120	110	120	600 × 1200	2	1.44	416	700

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- ▶ The products are not be stepped on or used as a step.
- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.

Sheathing Slabs

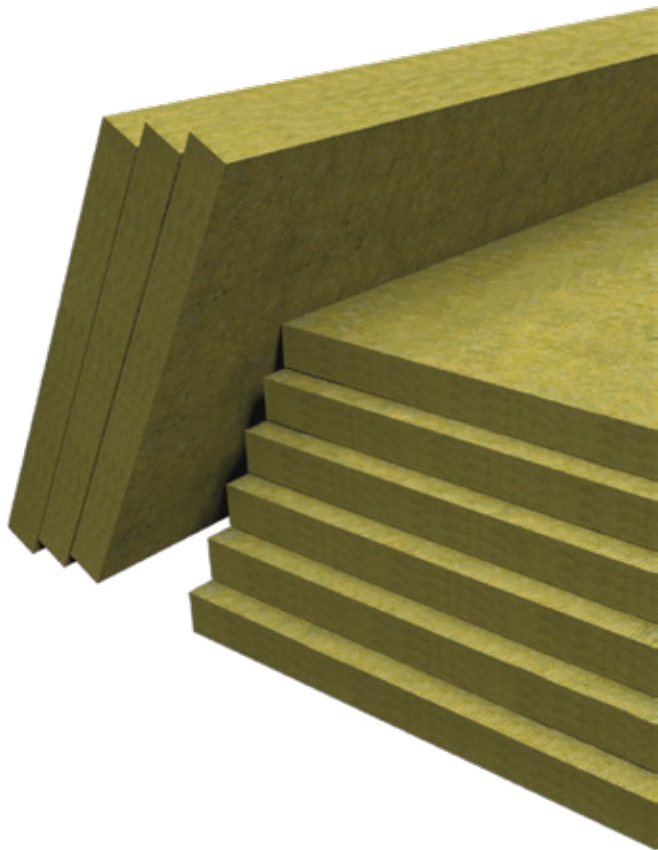
Product description: Bare stone wool slabs produced in accordance with TS EN 13500, resistant to impact strength and compressive strength.

Application areas



Can be coated with plaster due to tensile and compressive strength. It is used on the facades of the buildings for heat, sound and fire insulation.

Application principles

Loose particles on the building surface should be cleaned by brushing and damaged areas should be repaired with plaster. After all surfaces are ready for insulation, the plumb line of the building is controlled with the help of plumb lines and horizontal ropes, then water insulation profile is placed and the thermal insulation panels should be adhered to the surfaces with various bonding methods. Care should be given so that the adhesive cement materials should not overflow out of the joints. 24 hours later, it will be fastened; respectively corner profiles, plaster, 160 gr/m² alkaline resistant mesh, correction plaster, priming coat, mineral coating and finally priming exterior paint is applied.



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Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWML12050	120	50	600 × 1200	4	2.88	1.000	1.700
TWML12060	120	60	600 × 1200	4	2.88	833	1.416
TWML12070	120	70	600 × 1200	3	2.16	715	1.214
TWML12080	120	80	600 × 1200	3	2.16	625	1.063
TWML120100	120	100	600 × 1200	3	2.16	500	850
TWML120120	120	120	600 × 1200	2	1.44	416	700
TWML120150	120	150	600 × 1200	2	1.44	300	567
TWML13050	130	50	600 × 1200	4	2.88	1.000	1.700
TWML13060	130	60	600 × 1200	4	2.88	833	1.416
TWML13070	130	70	600 × 1200	3	2.16	715	1.214
TWML13080	130	80	600 × 1200	3	2.16	625	1.063
TWML130100	130	100	600 × 1200	3	2.16	500	850
TWML130120	130	120	600 × 1200	2	1.44	416	700
TWML130150	130	150	600 × 1200	2	1.44	300	567
TWML15020	150	20	600 × 1200	12	8.64	2.500	4.250
TWML15025	150	25	600 × 1200	8	5.76	2.000	3.400
TWML15030	150	30	600 × 1200	8	5.76	1.666	2.833
TWML15040	150	40	600 × 1200	6	4.32	1.250	2.125
TWML15050	150	50	600 × 1200	4	2.88	1.000	1.700
TWML15060	150	60	600 × 1200	4	2.88	833	1.416
TWML15070	150	70	600 × 1200	3	2.16	715	1.214
TWML15080	150	80	600 × 1200	3	2.16	625	1.063
TWML150100	150	100	600 × 1200	3	2.16	500	850
TWML150120	150	120	600 × 1200	2	1.44	416	700

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- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.

Industrial Plates

Product description: It is used for insulation of very high temperatures, industrial facilities, process equipment, steel construction structures, all kinds of technical details requiring heat insulation and fire safety.

Application areas

It is used for heat, sound and fire insulation in steel constructions, industrial plants, process equipment.

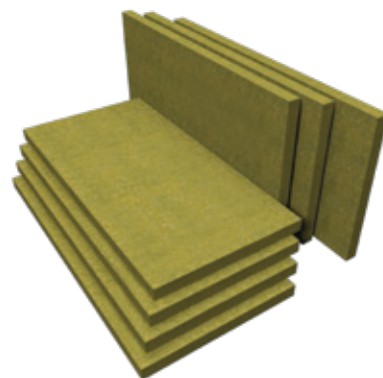
Application principles

Application surfaces; After the insulation is made ready for the coating by means of hanging pins or carrier hoops, the plates are installed and the sheet metal coatings are made. It is also used in ready panel applications of industrial plates

Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWSL7040	70	40	600 × 1200	12	8.64	1.250	2.125
TWSL7050	70	50	600 × 1200	8	5.76	1.000	1.700
TWSL7060	70	60	600 × 1200	6	4.32	833	1.416
TWSL7070	70	70	600 × 1200	6	4.32	715	1.214
TWSL7080	70	80	600 × 1200	5	3.60	625	1.063
TWSL70100	70	100	600 × 1200	4	2.88	500	850
TWSL70120	70	120	600 × 1200	4	2.88	416	700
TWSL10030	100	30	600 × 1200	8	5.76	1.666	2.833
TWSL10040	100	40	600 × 1200	6	4.32	1.250	2.125
TWSL10050	100	50	600 × 1200	4	2.88	1.000	1.700
TWSL10060	100	60	600 × 1200	4	2.88	833	1.416
TWSL10070	100	70	600 × 1200	3	2.16	715	1.214
TWSL10080	100	80	600 × 1200	4	2.88	625	1.063
TWSL100100	100	100	600 × 1200	3	2.16	500	850
TWSL100120	100	120	600 × 1200	2	1.44	416	700
TWSL11025	110	25	600 × 1200	10	7.20	2.000	3.400
TWSL11030	110	30	600 × 1200	8	5.76	1.666	2.833
TWSL11040	110	40	600 × 1200	6	4.32	1.250	2.125
TWSL11050	110	50	600 × 1200	4	2.88	1.000	1.700
TWSL11060	110	60	600 × 1200	4	2.88	833	1.416
TWSL11070	110	70	600 × 1200	4	2.88	715	1.214
TWSL11080	110	80	600 × 1200	4	2.88	625	1.063
TWSL110100	110	100	600 × 1200	3	2.16	500	850
TWSL110120	110	120	600 × 1200	2	1.44	416	700

Reminders on Loading, Unloading, Transport and Storage:

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- ▶ It should be stored in the package and the damaged package should not be used.
- ▶ Packages should not be stacked on top of each other.
- ▶ The products are not be stepped on or used as a step.
- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.



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Floating Type Floor Plate

Product description: It is a bare stone wool plate produced for areas that require compressive strength and require load bearing, sound insulation, vibration and fire resistance.

Application areas

It is used for the floors of the buildings, floors between floors and under the vibration source base for the purpose of heat, sound and vibration insulation.

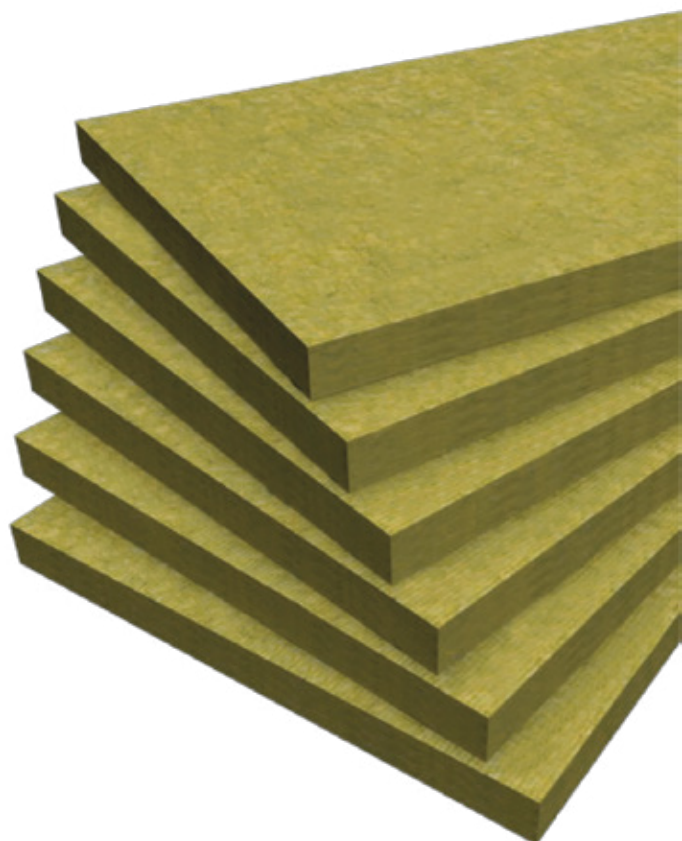
Application principles

Plates placed on the floor are bonded to the lateral walls of the floor up to the height of the leveling concrete to prevent vibration transfer. Before the trowel coating is poured, it should be covered with a polyethylene fabric. When it is supported with wire and reinforcements (PP fiber), a layer without shrinking cracks will be obtained. Then the application is completed by covering the desired flooring material.

Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWYDL15020	150	20	600 x 1200	12	8.64	2.500	4.250
TWYDL15025	150	25	600 x 1200	8	5.76	2.000	3.400
TWYDL15030	150	30	600 x 1200	8	5.76	1.666	2.833

Reminders on Loading, Unloading, Transport and Storage:

- ▶ It should be done in closed areas in rainy weather.
- ▶ Stretch the canvas even when they are shipped for short distances.
- ▶ It should be stored in the package and the damaged package should not be used.
- ▶ Packages should not be stacked on top of each other.
- ▶ The products are not be stepped on or used as a step.
- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.



terraWOOL
HEAT | SOUND | FIRE

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per
cent
100%
DOMESTIC
CAPITAL

"Comfort never exist without insulation"

Industrial Blankets

Product description: High temperature resistant, bare or aluminum foil coated stone wool blankets. It is used in all technical details requiring heat, sound and fire insulation.

Application areas

It is used in industrial facilities of high temperatures, technical equipment, air-conditioning channels, steel constructions, chimneys and heating boilers for heat, sound and fire insulation purposes.

Application principles

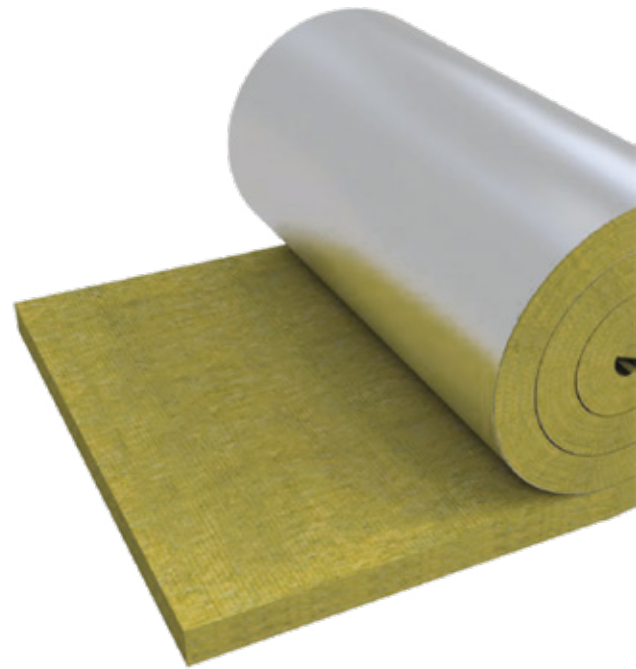
First, stone wool blanket is placed on supporter surfaces to be made with insulation hanger pin and hoops and used as the protector of sheet metal covering.

Product Code	Density	Thickness	Size (mm)	Number of Rolls	m ² / Package
TWSS8080	80	80	1200 x 5000	1	6.00
TWSS80100	80	100	1200 x 3000	1	3.60
TWSS80120	80	120	1200 x 3000	1	3.60
TWSS80140	80	140	1200 x 3000	1	3.60

• Terrawool industrial blankets are produced in densities of 90 and 125 kg/m³.

Reminders on Loading, Unloading, Transport and Storage:

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- ▶ Plates should be carefully transported to the application area by two persons.



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Industrial Blanket (Rabitz Wire)



Product description: High temperature resistant, stitched, rabitz wire coated heat and fire insulation mattress.

Application areas

It is used for heat and fire insulation in big diameter pipes, industrial plants and process equipment.

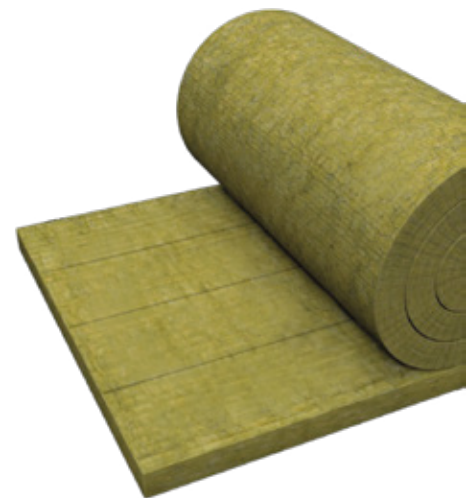
Application principles

Terrawool Stone Wool Industrial Blankets provide heat and fire insulation in places with high fire resistance. It is wound on large diameter pipes and the joints are passed through the Rabitz wire of the galvanized wires and sewn. On large surfaces, it is applied in the form of insertion lathes. Sheet metal is coated for the protection.

Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWRTSS8050	80	50	1200 x 5000	1	6.00	1.000	1.700
TWRTSS8060	80	60	1200 x 5000	1	6.00	833	1.416
TWRTSS8080	80	80	1200 x 3000	1	3.60	625	1.625
TWRTSS80100	80	100	1200 x 3000	1	3.60	500	1.176
TWRTSS9050	90	50	1200 x 5000	1	6.00	1.000	1.700
TWRTSS9060	90	60	1200 x 5000	1	6.00	833	1.416
TWRTSS9080	90	80	1200 x 3000	1	3.60	625	1.625
TWRTSS90100	90	100	1200 x 3000	1	3.60	500	1.176
TWRTSS10040	100	40	1200 x 8000	1	9.60	1.250	2.125
TWRTSS10050	100	50	1200 x 5000	1	6.00	1.000	1.700
TWRTSS10060	100	60	1200 x 5000	1	6.00	833	1.416
TWRTSS10080	100	80	1200 x 3000	1	3.60	625	1.625
TWRTSS100100	100	100	1200 x 3000	1	3.60	500	1.176
TWRTSS12550	125	50	1200 x 3000	1	3.60	1.000	1.700
TWRTSS12560	125	60	1200 x 3000	1	3.60	833	1.416
TWRTSS12580	125	80	1200 x 3000	1	3.60	625	1.625
TWRTSS125100	125	100	1200 x 3000	1	3.60	500	1.176

Reminders on Loading, Unloading, Transport and Storage:

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- ▶ The products are not be stepped on or used as a step.
- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.



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Terraced Roof Plate

Product description: Bare stone wool plates produced with high compression strength for terrace roofs and walkways and for metal and wooden roofs of various slopes.

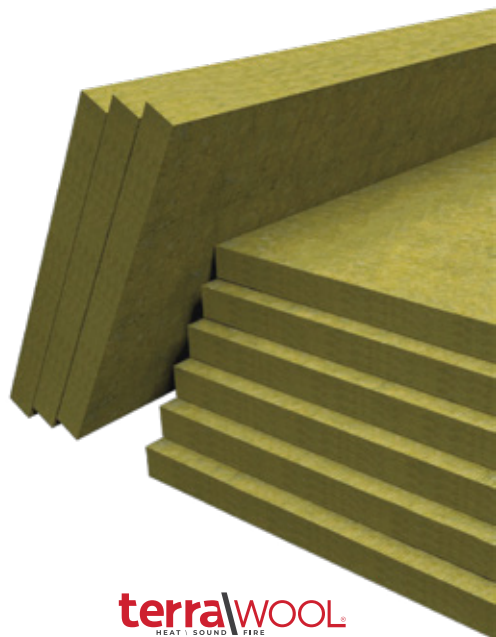
Application areas and principles

After the surface finish is made on the terraces and terrace roofs, the joints of the vapor barrier material will be glued by overlapping 10 cm. Then, the stone wool terrace plate will be laid on the surface and the polyethylene sheet will be laid on top. Slope concrete with trowel coating will be poured. After the corner bevels are completed, the waterproofing process will be blocked by overlapping the joints with the bitumen sheeting such as PVC, TPO or EPDM membranes and turning them into the parapets by gluing and sealing. After the water intake test, geotextile felt will be laid and protection and coating layers will be made. On top of the trapezoid metal roof, a layer of vapor barrier polyethylene will be placed by overlapping joints by 10 cm. Single or double layer of stone wool plates will be fixed with trapezoidal screws. In cases where it is applied in 2 layers, stone wool is applied vertically and horizontally. As waterproofing layer, PVC, TPO or EPDM membranes is applied.

Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWTCL15030	150	30	600 x 1200	8	5.76	1.666	2.833
TWTCL15040	150	40	600 x 1200	6	4.32	1.250	2.125
TWTCL15050	150	50	600 x 1200	4	2.88	1.000	1.700
TWTCL15060	150	60	600 x 1200	4	2.88	833	1.416
TWTCL15070	150	70	600 x 1200	3	2.16	715	1.214
TWTCL15080	150	80	600 x 1200	3	2.16	625	1.063
TWTCL150100	150	100	600 x 1200	3	2.16	500	850
TWTCL150120	150	120	600 x 1200	2	1.44	416	700

Reminders on Loading, Unloading, Transport and Storage:

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- Stretch the canvas even when they are shipped for short distances.
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- Packages should not be stacked on top of each other.
- The products are not be stepped on or used as a step.
- Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- Storage area should be closed to prevent leakage during rain, flooding etc.
- The storage floor must be flat and non-slippery.
- Loading and unloading should be done with the roof crane.
- Plates should be carefully transported to the application area by two persons.



Internal, Wall Heat Insulation Plate

Product description: It is produced as high density stone wool panel with heat, sound and fire safety.

Application areas

It is used as heat, sound and fire insulation on the inner surface of the exterior walls of buildings, on the adjacent walls of the stairways and elevator spaces, and inside the wooden carcass structures.

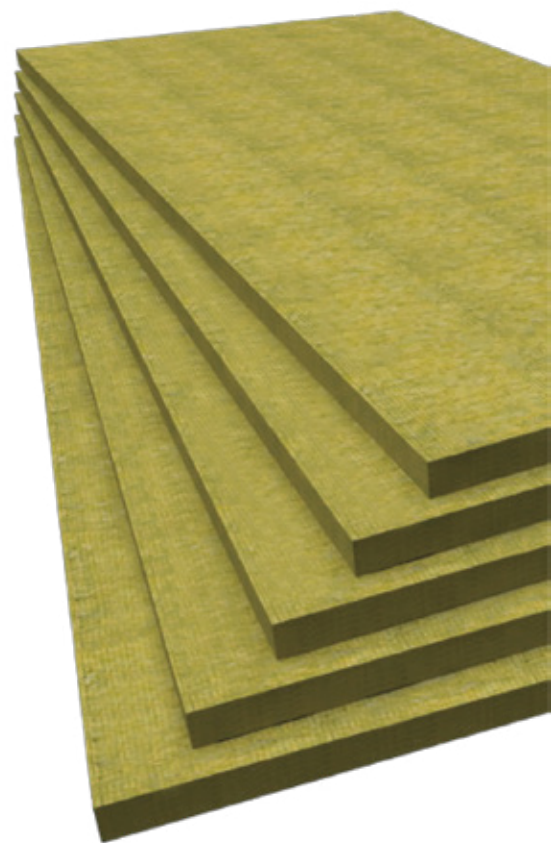
Application principles

It is produced for the companies of plaster panel and OSB type panel. Application principles vary according to the details requested by the plaster panel manufacturers.

Product Code	Density	Thickness	Size	Package			
	kg / m³	mm	mm x mm	piece	m²		
TWIDIYL11030	110	30	600 x 1200	8	5.76	1.666	2.833
TWIDIYL11040	110	40	600 x 1200	6	4.32	1.250	2.125
TWIDIYL11050	110	50	600 x 1200	4	2.88	1.000	1.700

Reminders on Loading, Unloading, Transport and Storage:

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- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.



Ship Plates

Product description: It is a self-standing, high temperature resistant, bare stone wool plate.

Application areas

It is used for ship and marine construction areas, cofferdam walls, fire doors, fire compartments and interior installations of the vessels.

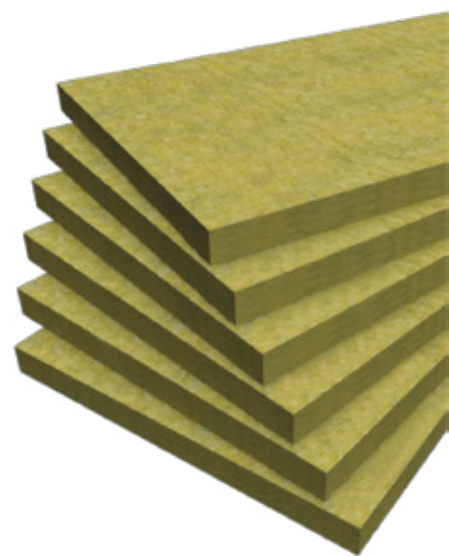
Application principles

Fixing pins are fastened to the application surfaces by means of spacers and metal elements.

Product Code	Density	Thickness	Size (mm)	In-Pack Pieces	m ² / Package
TWMFGL4540	45	40	600 x 1200	10	7.20
TWMFGL4550	45	50	600 x 1200	8	5.76
TWMFGL4560	45	60	600 x 1200	7	5.04
TWMFGL11030	110	30	600 x 1200	10	7.20
TWMFGL11040	110	40	600 x 1200	6	4.32
TWMFGL11050	110	50	600 x 1200	5	3.60
TWMFGL11060	110	60	600 x 1200	4	2.88
TWMFGL14030	140	30	600 x 1200	8	5.76
TWMFGL15030	150	30	600 x 1200	8	5.76
TWMFGL15040	150	40	600 x 1200	6	4.32
TWMFGL15050	150	50	600 x 1200	5	3.60
TWMFGL15060	150	60	600 x 1200	5	3.60

Reminders on Loading, Unloading, Transport and Storage:

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- ▶ Stretch the canvas even when they are shipped for short distances.
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- ▶ Before pulling with rope, hard cardboard with dimensions of 50x20 cm size should be placed under the rope.
- ▶ Storage area should be closed to prevent leakage during rain, flooding etc.
- ▶ The storage floor must be flat and non-slippery.
- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by two persons.



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Ship Blanket (Rabitz Wire)

Product description: It is a self-standing, high temperature resistant, bare stone wool plate.

Application areas

It is used for ship and marine construction areas, cofferdam walls, fire doors, fire compartments and interior installations of the vessels.

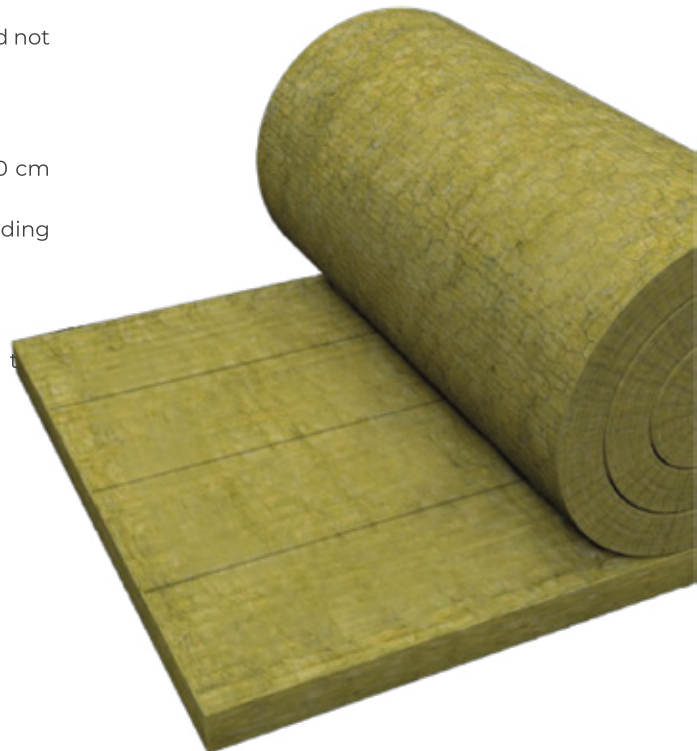
Application principles

Fixing pins are fastened to the application surfaces by means of spacers and metal elements.

Product Code	Density	Thickness	Size (mm)	Number of Rolls	m ² / Package
TWMFRT12540	125	40	1000 x 8000	1	
TWMFRT12550	125	50	1000 x 5000	1	
TWMFRT12560	125	60	1000 x 5000	1	

Reminders on Loading, Unloading, Transport and Storage:

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- ▶ Loading and unloading should be done with the roof crane.
- ▶ Plates should be carefully transported to the application area by the persons.



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Fire Door Panel

Product description: It is produced as a stone wool plate that provides fire resistance (E160) for fire door manufacturing.

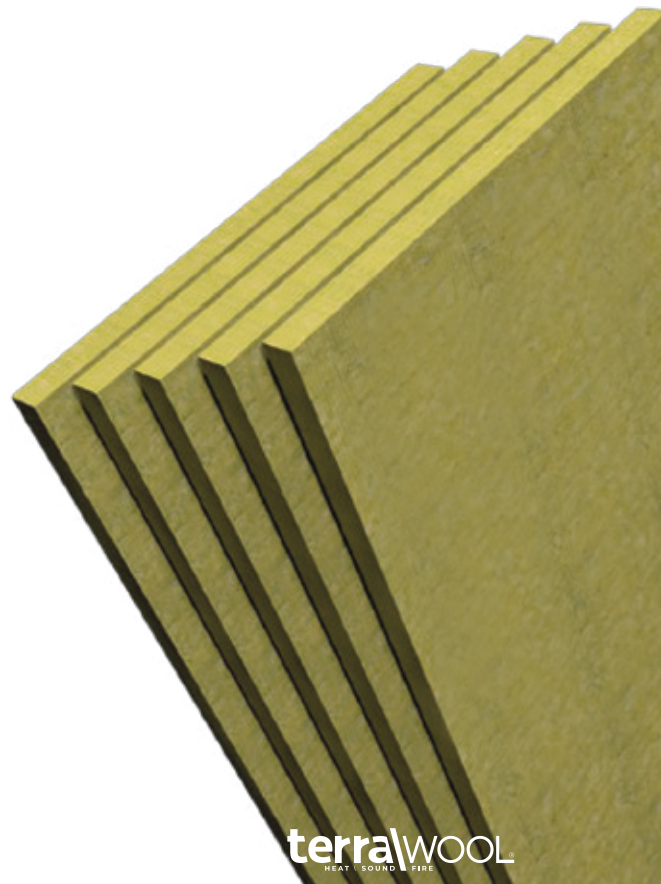
Application principles

As it is intended for the companies producing fire doors, it is applied in one piece depending on the details of the manufacturer.

Product Code	Density	Thickness	Size (mm)	In-Pack Pieces	m ² / Package
TWYKP15060	150	60	950 x 2100	32	63.84

Reminders on Loading, Unloading, Transport and Storage:

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Bulk Stone Wool

Product description: It is a stone wool fiber material that is produced without using binders and resistant to high temperatures, not having a certain form and it is used in the areas where the plate or blanket is not used.

Application areas

It is used in uneven surfaces requiring high temperature resistance, double-walled doors, laboratory devices and electrical home appliances, building components, power cable and installation passages.

Application principles

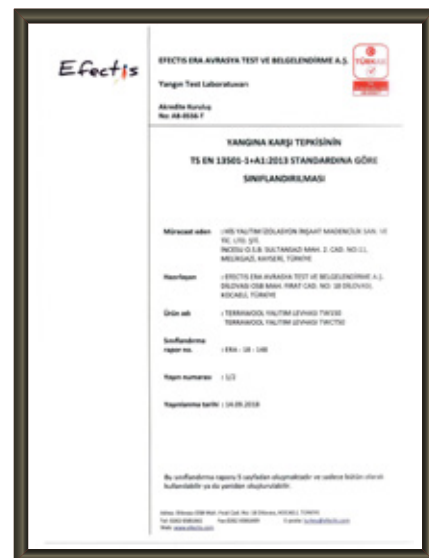
Terrawool Bulk stone wool should be applied to the areas without leaving any spaces. The average density of the insulation is 40 kg/m³.

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