Rockfield®

2023 PRODUCT CATALOGUE

rockfieldinsulation.com

Founded in 2012,
our company has taken firm steps forward in the sector, gaining rapid momentum and providing confidence.

Our goal is to provide the best and fastest service regarding roofing and insulation materials. With the trust we have gained from the brands we franchise, the inspiration we receive from our customers and the dedication of our colleagues, we supply insulation and insulation products from foundation to roof in the construction industry.

Insulation: The Foundation of Comfort and Safety

"Insulation", which has become an indispensable element of the construction industry today, is a critical factor that increases the durability, energy efficiency, sustainability of our buildings and the quality of life of its residents. While insulation protects the interior spaces of buildings against external factors, it helps reduce energy costs and creates positive effects on the environment. In this article, we will examine thermal insulation, water insulation, fire insulation and sound insulation, which are the basic topics of insulation.

Thermal Insulation: Thermal insulation is an important element that protects the interior spaces of buildings against temperature changes. While it prevents heat from leaking in in winter, it reduces the effect of hot air coming from outside in summer. In this way, it reduces costs by reducing energy consumption and also minimizes environmental impacts. Thermal insulation is one of the cornerstones of sustainable buildings.

Waterproofing:

Waterproofing protects buildings against water leakage and moisture problems. Leaking water can damage the structure and lead to mold growth. Waterproofing can be applied in different areas such as roofs, walls and floors and protects the health of residents by increasing building durability.

Fire Insulation:

Fire insulation ensures the safety of building occupants in case of fire and prevents the spread of fire. It is of critical importance especially for multi-storey buildings and industrial facilities. When considered together with fire insulation, fire barriers, smoke evacuation systems and fire extinguishing equipment, it minimizes loss of life and property losses.

Sound Insulation:

Sound insulation controls the noise coming from the outside into the interior spaces and the sound radiating from the interior spaces to the outside. This improves the quality of life and ensures the comfort of residents. Especially in dense urban areas and multi-dwelling units, soundproofing promotes peace and tranquility.

Insulation

is an element that should not be ignored during the construction phase of buildings. It plays a fundamental role in ensuring energy saving, durability, safety and comfort. The four main topics we discuss in this article play an important role in making buildings efficient and sustainable. Each offers long-term benefits to building owners and occupants and contributes to the goal of creating a more livable world for future generations.

STONEWOOL

Stonewool is produced by melting minerals obtained from volcanic rocks at very high temperatures and turning them into fibers. Stonewool provides insulation from heat, sound and burns in the buildings where it is applied. Stonewool is obtained from volcanic stones, which are found in nature and have superior properties than other stones in terms of the minerals and chemical properties. It is a mostly preferred material due to its quality, durability and wide range of usage areas in insulation.

FLAT ROOF BOARDS

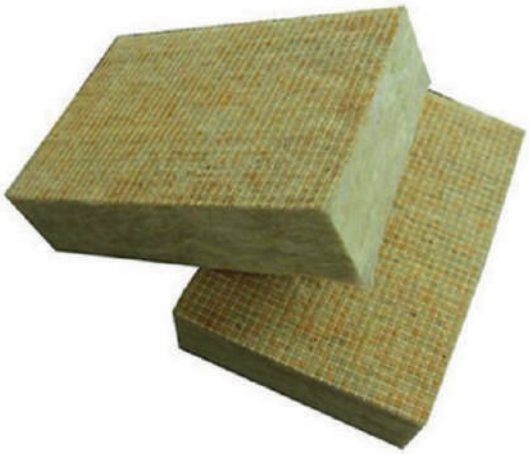
It is produced between 30 kPA and 70 kPA and in thicknesses between 2cm and 16 cm.

PARTITION WALL BOARDS

The very low thermal conductivity value of rockwool makes it a good thermal insulation material. Thermal conductivity value varies between approximately 0.035 – 0.040 W/mK. Usage temperature is between -50/+750°C

VENTILATED FACADE BOARDS

These are exterior cladding panels produced between 100-150 kg/m3 densities and 0.035 to 0.040 lambda. It is produced in thicknesses between 2 cm and 16 cm.



AQUISTIC BOARDS

Rock wool, which is one of the insulation materials that absorbs sound best, is used especially in acoustic arrangements. It provides sound insulation between 40-90% according to EN ISO standards.

FLOATING FLOOR BOARDS

Manufactured one type as high density unfaced stonewool board. Marketed in PE Shrink wraps. Used forvibration, thermal and sound insulation under basement concrete floors, floors of multi-sto-rey buildings and under vibrating eguipment.

RABITZ WIRED WOLLS

Provides heat, sound and fire insulation in industrial equipment exposed to high temperatures. Provides easy use on cylindrical, oval and uneven surfaces thanks to the rabitz wire coating on the stone wool roll. It is attached to the surface to be insulated with fixing pins.

GLASSWOOL

IIt consists of the result of melting locally supplied inorganic raw materials at 1200ºC – 1250ºC and turning them into fibers. It can be produced in the form of mattresses, sheets, pipes and castings with various coating materials, in different sizes and technical features, depending on the place and purpose of use. It provides fire safety along with heat insulation, sound insulation and acoustic arrangement...

ROLLS

Glass wool collector mat, produced in two different sizes, 350 and 400, is a glass wool mat produced in special sizes for the thermal insulation of solar collectors and tanks.

PARTITION WALL BOARDS

Partition Wall Panels are very practical to use due to their unique features that provide heat and sound insulation and fire safety.

It provides comfortable insulation areas with its flexible and soft structure, easy to cut and dust-re-pellent feature. It does not require any additional materials and labor.

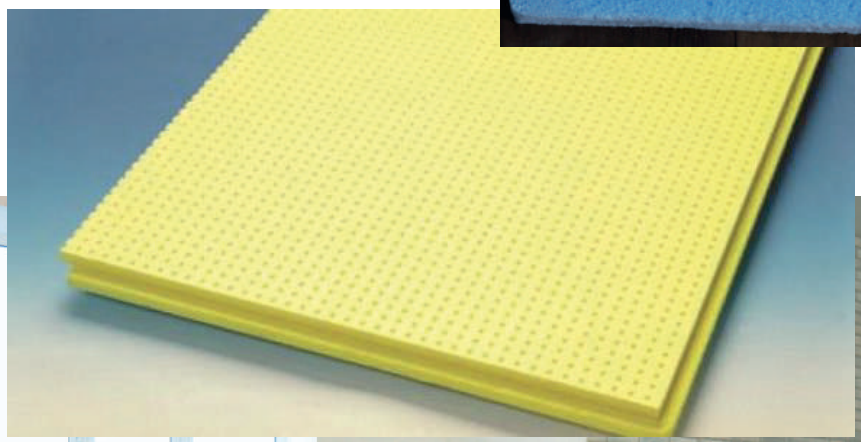
VENTILATED FACADE BOARDS

Since the ventilation gap formed between the covering material and the carrier construction in curtain wall systems will have a chimney effect in the event of a fire, it is of great importance for fire safety that the insulation material to be used is fireproof. It can be used safely even in high-rise buildings.

XPS

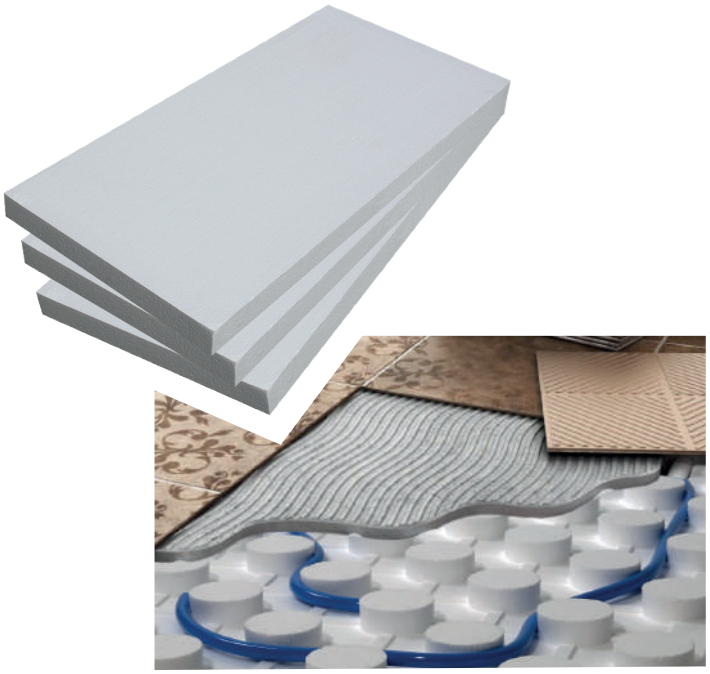
It is a heat insulation material manufactured using expanded polystyrene foam (XPS) by extrusion method. It is produced in sheet form in different sizes and compression strengths, with different surface and edge shapes, depending on the area of use and purpose.

150 KPA
200 KPA
250 KPA
300 KPA
350 KPA
400 KPA
450 KPA
500 KPA
550 KPA
600 KPA



EPS

Expanded Polystyrene Rigid Foam (EPSExpanded Polystyrene Foam) is a heat insulation material produced as a result of the polystyrene raw material obtained from petroleum by the polymerization of styrene monomer, contact with water vapor, and the pentane gas in the raw material granules swells the granules and sticks them to each other. It is produced in different mold and sheet forms in different sizes and structural features according to its usage area and purpose.



WHITE

Areas of Use • In thermal insulation of external walls (Insulating) • Under siding application, • In thermal insulation of sloped and terrace roofs and terrace gardens in buildings • In thermal insulation of floors in buildings • In thermal insulation of protrusions in buildings • In thermal insulation of ceilings in buildings • In impact sound insulation in floating floors in buildings, in cold weather It is used in thermal insulation of warehouses • In dilatation joints • In hollow block construction • In order to increase ground strength by filling in loose soils • In canal, tank and warehouse insulation, and for other purposes in buildings

CARBON

EPS with carbon is a thermal insulation board, also known as expanded polystyrene foam, and is gray colored carbon reinforced. Carbon EPS is one of the most important insulation materials of the building. Eps, which is used as an insulation material, can now be used integrated with many applications. EPS thermal insulation boards also offer advantages in energy efficiency. This insulation board is graphite expanded. While the raw material is produced, it can also reduce the moisture value, especially for thermal insulation, thanks to some additives that trap infrared rays.

MEMBRANES & SHINGLE

Membranes are basic insulation materials that are laid on the bottom or top layer of surfaces in contact with water and prevent water passage. The membrane, which prevents the passage of water in and out, helps construction materials such as concrete, steel blocks, construction wire and bricks, which are important to remain dry and away from moisture, maintain their condition and ensure that the structures survive for many years without any problems.

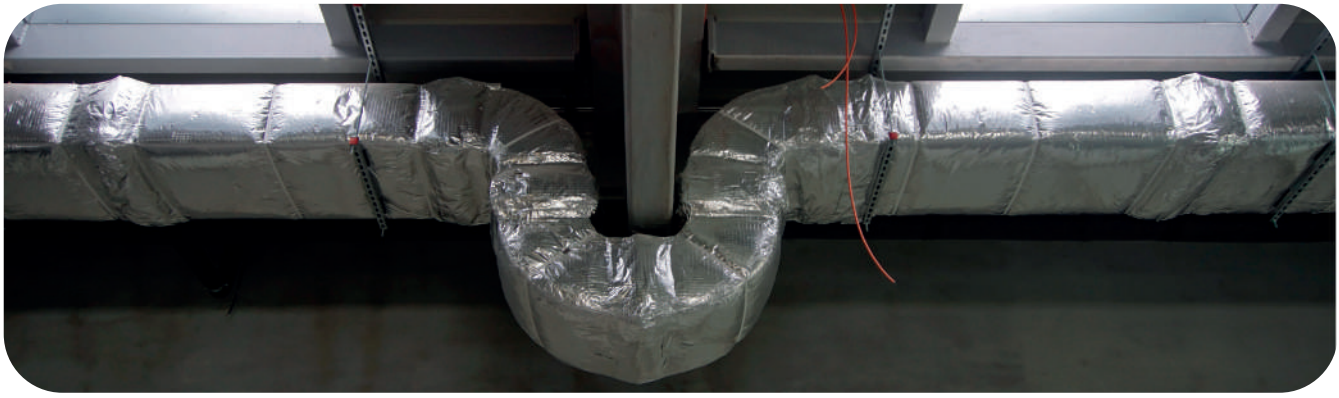
MEBRAN
SLATE RED
SLATE GREEN
SLATE GREY

SHINGLE

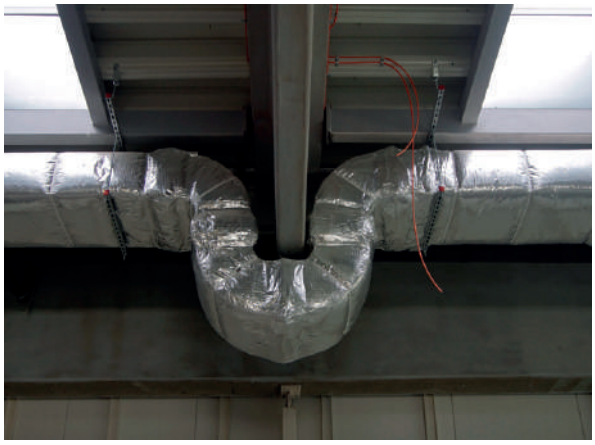
The patterned cut appearance of shingle roofing membranes is a roofing option with many advantages, including beautiful color and pattern alternatives.

Shingles are used to provide waterproofing and protect roofs against external factors. They are also preferred to obtain a decorative appearance. Shingles can have different shapes, sizes and material options and are generally preferred in roofing works.

TECHNICAL INSULATION



Technical product insulations refer to the process of insulating structural or mechanical systems generally used in industrial and commercial applications. These insulations are applied for various purposes such as increasing energy efficiency, reducing environmental impacts, ensuring fire safety and optimizing sound insulation.



DUCT CHANNEL INSULATION

They are insulation boards with one adhesive side and aluminum side, manufactured for the insulation of industrial type transmission channels in thermal insulation.

RABITZ WIRED WOLLS

It is a mattress with galvanized rabitz wire sewn on rock wool. It is offered to the market in roll packages.
-In industrial facilities
-In process equipment
-In heating boilers
-In chimney insulations
-In heating boilers
-In large diameter pipes
-In ship installation
It provides heat, sound and fire insulation in industrial equipment exposed to high temperatures.
Thanks to the rabitz wire coating on the rock wool roller, it provides easy use on cylindrical, oval and uneven surfaces.
It is attached to the surface to be insulated using fixing pins.

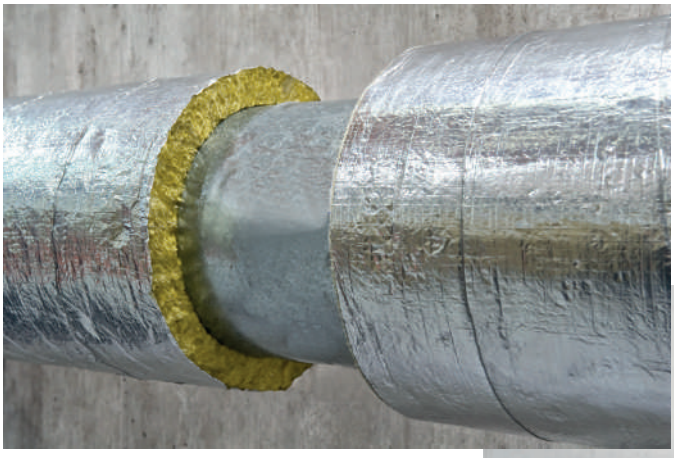
PIPE INSULATION

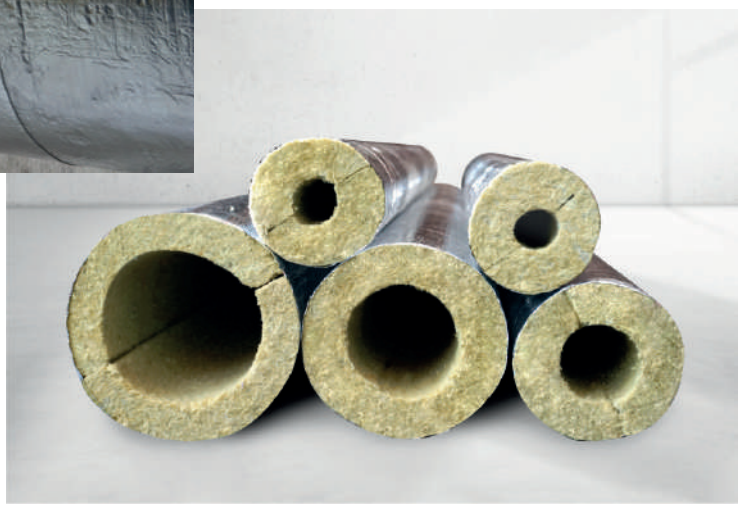
Rubber Pipes
They are rubber pipe insulation products that are also used on pipe surfaces in thermal insulation.

Stonewool Pipes
They are uncoated or aluminum foil-coated pipes made of high unit weight stone wool and are used in the thermal insulation of industrial pipes, central heating and solar energy installations, insulating pipes against sweating or freezing, and in pressurized water pipes against vibration and sound.

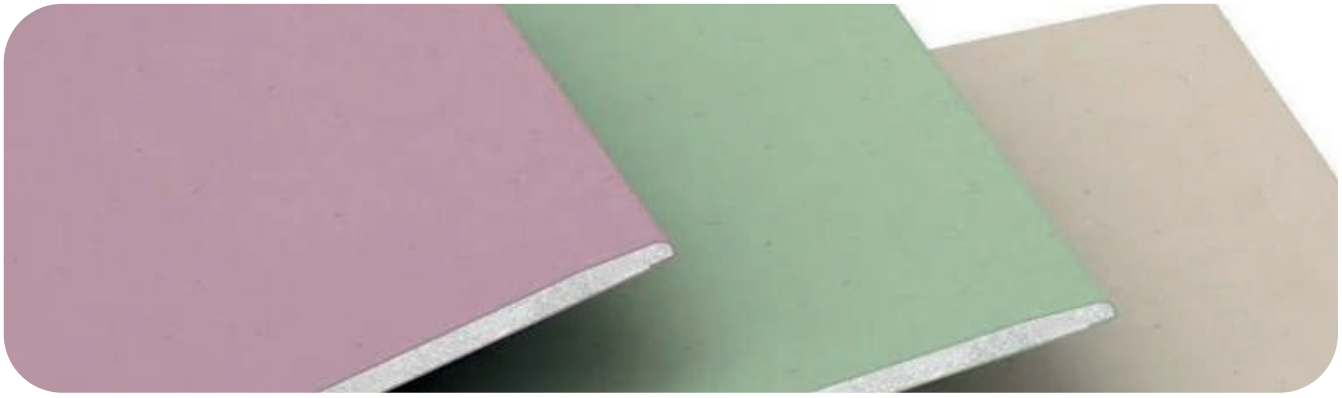
Glasswool Pipes
They are uncoated or aluminum foil-coated pipes made of high unit weight glass wool and are used in the thermal insulation of industrial pipes, central heating and solar energy installations, insulating pipes against sweating or freezing, and in pressurized water pipes against vibration and sound.

Stone Wool Steel wired Mesh
These are rock wool mattresses used for thermal insulation and fire safety in industrial facilities, process equipment, and large diameter pipes.





GYPSUM BOARD AND POWDER



Plasterboards are special pre-fabricated building products consisting of a gypsum inner filling between two durable paper-cardboard layers. The long edges of the plasterboards are finished as vertical, tapered, gapped, round or interlocking, depending on the finishing process of the surface.

GYPSUM BOARD

They are insulation boards with one adhesive side and aluminum side, manufactured for the insulation of industrial type transmission channels in thermal insulation.

GYPSUM POWDER

They are insulation boards with one adhesive side and aluminum side, manufactured for the insulation of industrial type transmission channels in thermal insulation.

OSB

OSB is the abbreviation of the term Oriented Strand Board.
It stands for “Oriented Chipboard”.

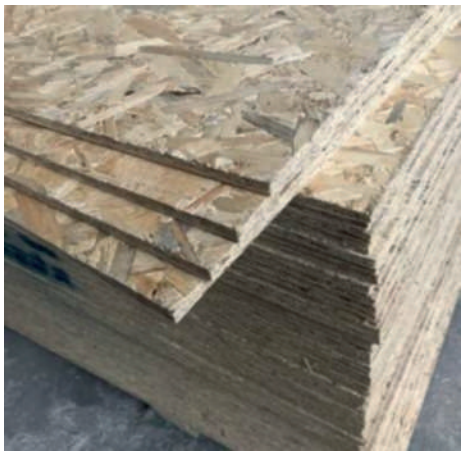
OSB is the material formed as a result of the chips obtained as a result of planing the wooden pieces in the longitudinal direction, brought together in certain directions and combined with chemicals such as glue and wax under the effect of temperature and pressure.

OSB 2

OSB-2 is used as interior wall partition material and flooring in construction.

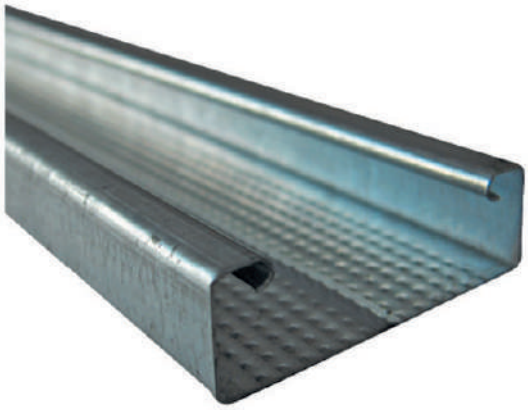
OSB 3

OSB-3 is used as interior wall partition material and flooring in construction.



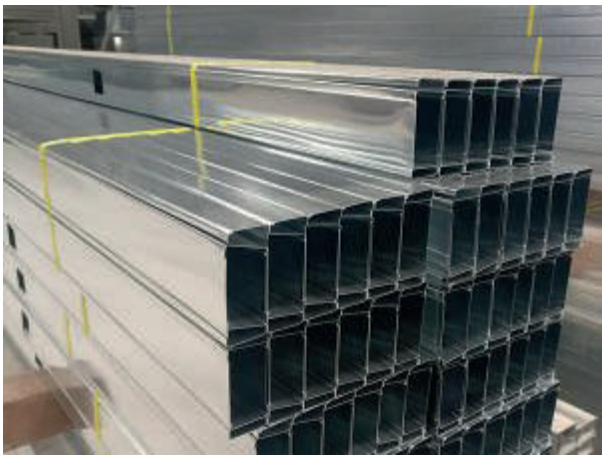
PROFILES

Ceiling Profiles Partition Wall Profiles Box Profiles



WALL U

Gypsum Boards are perforated profile types made of galvanized for mounting to walls and each other.



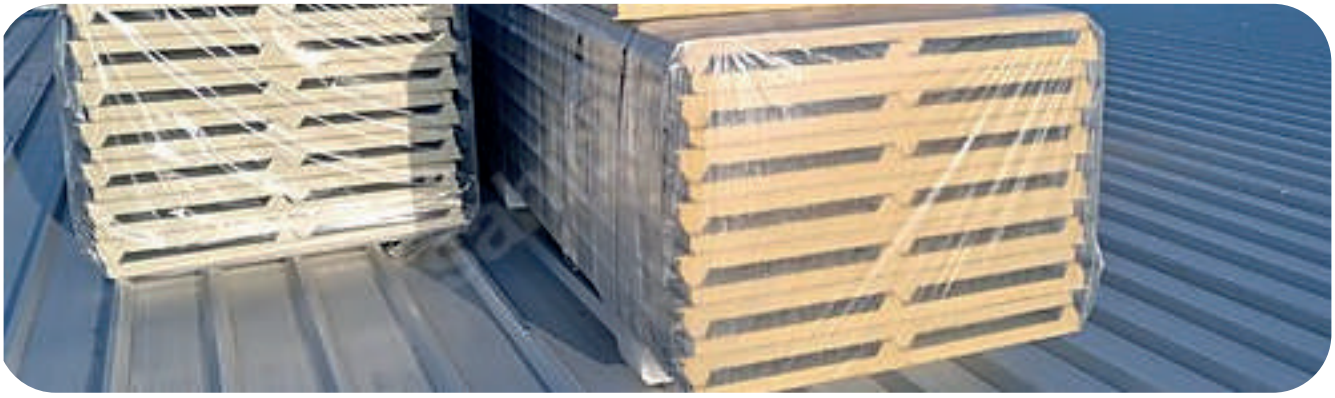
WALL C

Gypsum Boards are perforated profile types made of galvanized for mounting to walls and each other.

CEILING U

Gypsum Boards are perforated profile types made of galvanized for mounting to walls and each other.

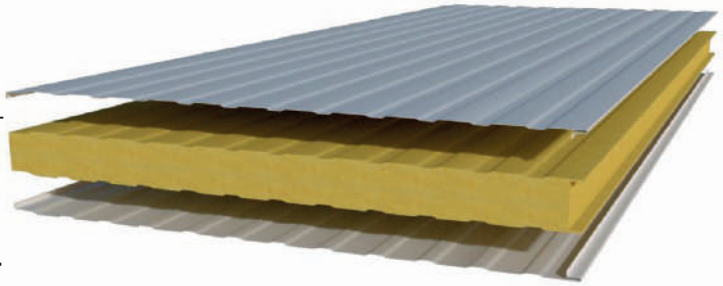
SANDWICH PANELS



Sandwich panel is a composite material that provides insulation on roofs and facades. The insulation basis of this composite system consists of Polyurethane and Polyisocyanate, as well as Polystyrene, Rockwool and Glasswool. Sandwich panels are composite products combined with insulation materials between two shaped sheet metal sheets.

FACADE SANDWICH PANNELS

Sandwich panel is a composite material that provides insulation on roofs and facades. The insulation basis of this composite system consists of Polyurethane and Polyisocyanate, as well as Polystyrene, Rockwool and Glasswool. Sandwich panels are composite products combined with insulation materials between two shaped sheet metal sheets.



ROOF SANDWICH PANNELS

Sandwich panel is a composite material that provides insulation on roofs and facades. The insulation basis of this composite system consists of Polyurethane and Polyisocyanate, as well as Polystyrene, Rockwool and Glasswool. Sandwich panels are composite products combined with insulation materials between two shaped sheet metal sheets.

LIQUID INSULATION

Liquid insulation products are insulation materials that are applied to various surfaces in liquid or spray form. Some advantages of these products are:

Quick and Easy to Apply Provides Excellent Compatibility and performance. It is flexible and durable. Fire Resistance is high.

WATER INSULATION LIQUIDS

Waterproofing liquids are liquid materials used to prevent water leakage or moisture penetration of different surfaces. Such liquids are preferred for waterproofing in various construction applications.

THERMAL INSULATION LIQUIDS

Thermal insulation fluids are liquid materials used to reduce heat transfer and increase energy efficiency. These liquids are used to maintain the heat of structures or to keep them only within a certain temperature range.

FIRE INSULATION PAINTS

Fire insulation paints are a special type of paint or coating material used for fire safety. These paints increase the durability of structures during fire and limit the spread of fire.

SPECIAL FUNCTIONAL PAINTS

Special insulation paints are paints or coating materials designed to meet specific needs and for specific applications. These paints can be applied to different surfaces and respond to specific requirements

NO-FIRE

DryFiX NO-FIRE is a non-flammability solution that prevents the surface from igniting and shining by completely cutting off the surface's contact with oxygen, with its special mineral added structure.

TRAFFIC PAINT

Drufix Traffic Paint Floor Paint; It is a one-component, air-curing, decorative and protective product. In addition to being a product that can be applied indoors and outdoors, it creates a floor covering that is resistant to UV rays, water and heavy traffic.

FAIENCE PAINT // TILE PAINT

DryFIX Faience Paint Tiles Ceramic, marble, granite, tile, natural stone, concrete etc. It is wo-component, colored coating with UV resistance, chemical and physical resistance that can be easily applied on the coating. In addition to being decorative, it can also be used for waterproofing. After drying, it forms a hard-elastic and seamless layer. It provides the renewal of ceramics without incurring large expenses.

ANTI SLIP SOLUTION

It is produced as a transparent solution that provides non-slip and increases the friction coefficient of the surface on glossy and slippery surfaces. It provides non-slip by penetrating into the floor without changing the appearance of the applied surface. It is applied on floor covering products such as ceramics, tiles, marbles and shows anti-slip performance in both wet and dry conditions.

GLASSY 100 /LIQUID GLASS

Ceramic, marble, granite, tile, natural stone, concrete etc. It is Cca two-component, transparent floor coating with UV resistance, chemical and physical resistance that can be easily applied on the coating. It can be used for decorative purposes as well as waterproofing. After drying, it forms a transparent, elastic and seamless layer.

SB PLUS

Water-based, single-component insulation y material with a high friction coefficient, resistant to pedestrian traffic, providing excellent adherence and waterproofing, thanks to its Acrylic Polymer and special mineral additive structure.

NM-S 10

DryFix NM-S 10 liquid moisture barrier; It is caa new generation moi re paint that is produced by modifying special chemicals with polym and forms a layer against moisture and humidity. It is applied to all k of wet and damp interior-exterior walls and ceilings and provides a definitive solution against moisture and humidity formation.

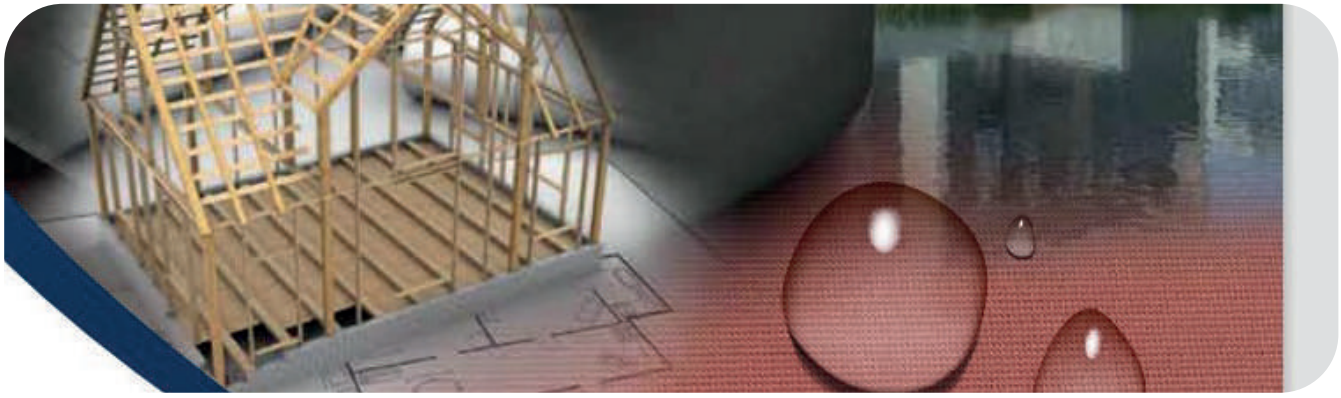
IZOLATOR

DryFiX IZOLATOR is a ready-to-use liquid waterproofing product that can be easily applied to all types of floors and has elastic and waterproof properties when dry.

THERMAL 100

Which has been developed as a result of long R&D studies and entered the Construction Sector of our country from the USA with its know-how, is a new generation thermal insulation product with its environmentally friendly formulation and highperformance.High UV resistance, which you can safely use on the interior as well as the exterior of the building, aims to insulate all the centers of your home where heat loss is experienced.

VAPOR BARRIER



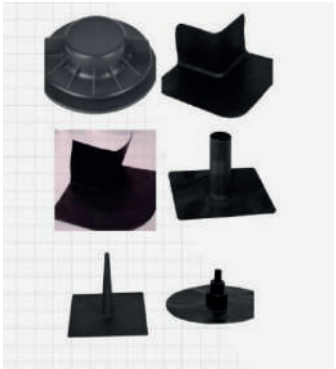
A vapor firewall is a material or layer used to control and direct the passage of vapor through a structure. This is especially important to provide moisture control in flexible solutions such as roofs and external walls.

EPDM MEMBRANES

Lineftex EPDM membranes are manufactured as black or colored or textured. reinforced or unreinforced in the thickness range of 0.5-2.5mm. Membrane rolls are 150 or 180cm wide and 25, 50 or 100m long depending on their thickness. Our production process and machinery feature the technology capable of producing custom widths and lengths depending on thickness per project.

DILATATION BANDS

Used in dilatation regions of all types of structures. It is an UV-resistant. durable material that can expand more than 300%. Produced from an EPDM membrane that is 1.20-2.00mm thick. Offered to use in 15-100cm wide and 25m long rolls, whose both sides feature 3mm wide hole band or geotextile felt lamination.



CONNECTION & AUXILIARY ELEMENTS

Lineflex Mechanical Fixing Apparatus

Lineflex mechanical fixing apparatus is a plastic apparatus used to fix EPDM membrane on metal roofs without opening any hole on the roof.

Detail Parts

All detail parts are made of EPDM-based materials, and designed exclusively for their respective functions. Detail parts are connected to EPDM membrane with thermal welding or adhesive bonding. The main detail parts are inside corner, perpendicular downpipe. side up parapet and antenna connector.

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