2023 PRODUCT CATALOGUE

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As Izofalt Insulation, we were established in Batman Organised Industrial Zone in 2009. We increased the 25 thousand square meter area where we started production in 2010 to an area of 50 thousand square meters as of 2013. Today, we continue our activities in our modern production facilities by increasing our new and technological investments.

In 2010, we started this journey with a total of 4 production facilities, including polymer bituminous membrane covers, micronised calcite, plastic recycling and liquid emulsions, and continued by adding drainage board systems, geotextile felt and shingle roofing covers production facilities in 2013 and 2014, respectively.

We have adopted the principle of meeting the increasing insulation needs of our country in building and construction quality with the highest quality standards.

Our aim is to ensure the understanding of quality and trust in the sector with the Izofalt brand. To carry the insulation sector one step further in the world of technology with the firsts it creates.

Our aim is to be the Izofalt that develops its own technology and products, invests in engineering power and R&D in this field, carries out joint projects with domestic and foreign research institutions and universities, taking into account the changing market and competition conditions in the world.

In order to achieve our goals, as İzofalt Insulation, we follow the developments in the sector and we carry our export activities, which we consider very important for our country, further every day. With these investments in Batman, we believe that we will share a social responsibility with both the importance we attach to the region and the trust we give, and that we will provide added value to our country with the exports we will make.

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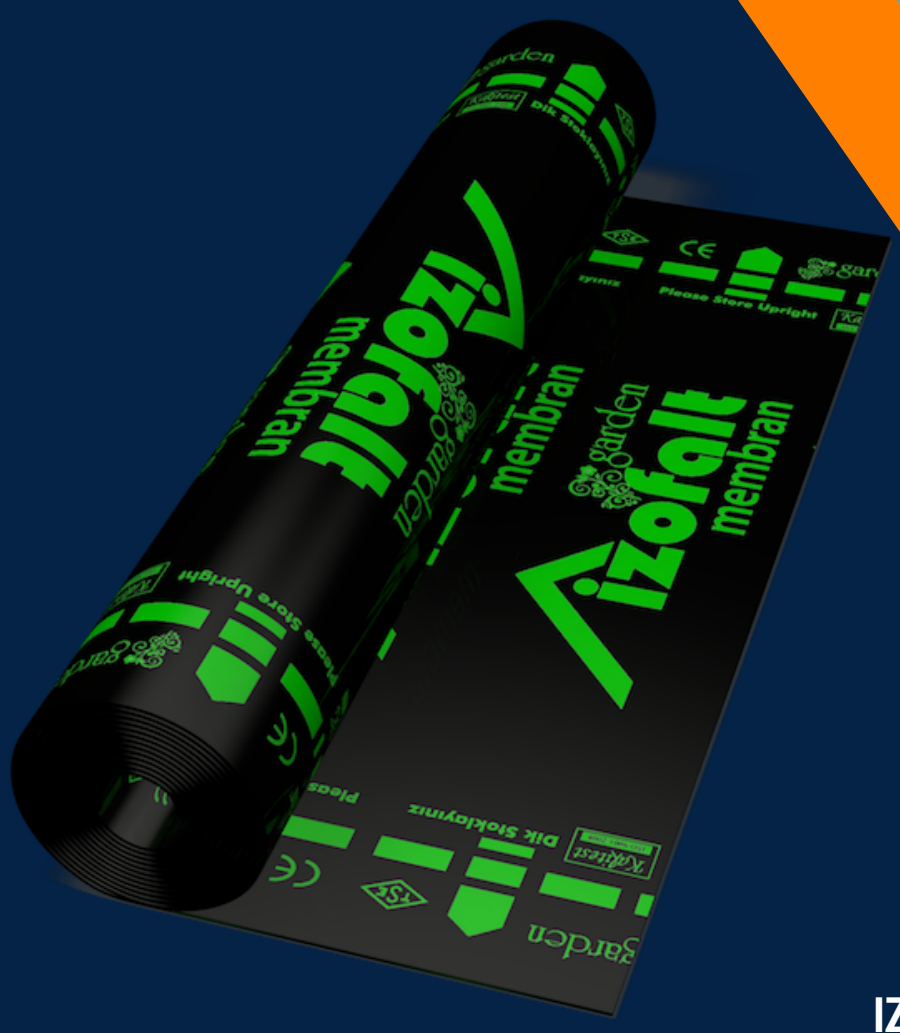

IZOFALT GARDEN

Izofalt Garden is a waterproofing cover made of SBS (styrene-butadiene-styrene) modified bitumen with fibreglass or polyester felt carrier, covered with PE (polyethylene) film on the upper and lower surfaces, showing high elastic properties, applied with a torch or hot asphalt.

AREAS OF USE: It is used in terrace roofs of buildings, sloping concrete roofs, curtain walls, foundations, light metal roofs or prefabricated roofs to obtain water and moisture impermeability, as a lower floor insulation cover in light metal roofs or prefabricated roofs, as well as designed for cold climates, as a lower and middle floor cover in waterproofing to be made on the surface that requires all kinds of flexibility, wet areas such as bathrooms-kitchen and foundations where pressurised or unpressurised underground or surface water is present.

SURFACE PREPARATION: The application surface should be cleaned from dust, dirt, rust and oil and loose parts should be scraped off. Depending on the surface to be applied, if necessary, İzofalt sliding based waterproofing material membrane primer should be applied on the application surface and it should be allowed to dry completely.

APPLICATION METHOD: If the surfaces to be insulated are concrete, they must be finished with a wooden trowel trowelled slope screed, clean and dry. Before application, bituminous solution primer IZK-3000 or bituminous emulsion membrane primer should be applied to the surface and allowed to dry. At the lowest part of the roof (lowest elevation) and in the direction perpendicular to the slope, start the application of Izofalt waterproofing membrane Garden series. Izofalt waterproofing membrane Garden series is adhered to the surface by heating with torch flame or by pouring hot asphalt in front of it. Zigzagging must be made between the rows. Leave 10 cm overlap allowance on the short side overlaps of 1 m and 15 cm overlap allowance on the long side overlaps and the joints should be adhered well. Between the layers, zigzagging must be made 50 cm on the short side and 5 m on the long side.

STORAGE: Izofalt waterproofing membrane Garden series rolls should be stored in covered areas and upright. If the rolls need to be stored in the open for a long time, they should be covered to protect them from sunlight. If the rolls are to be stacked without pallets, they should not be stacked on top of each other. They should be stored vertically on a flat surface in closed environments.

STANDARD: TSE 11758-1, TS EN 13969, TS EN 13707

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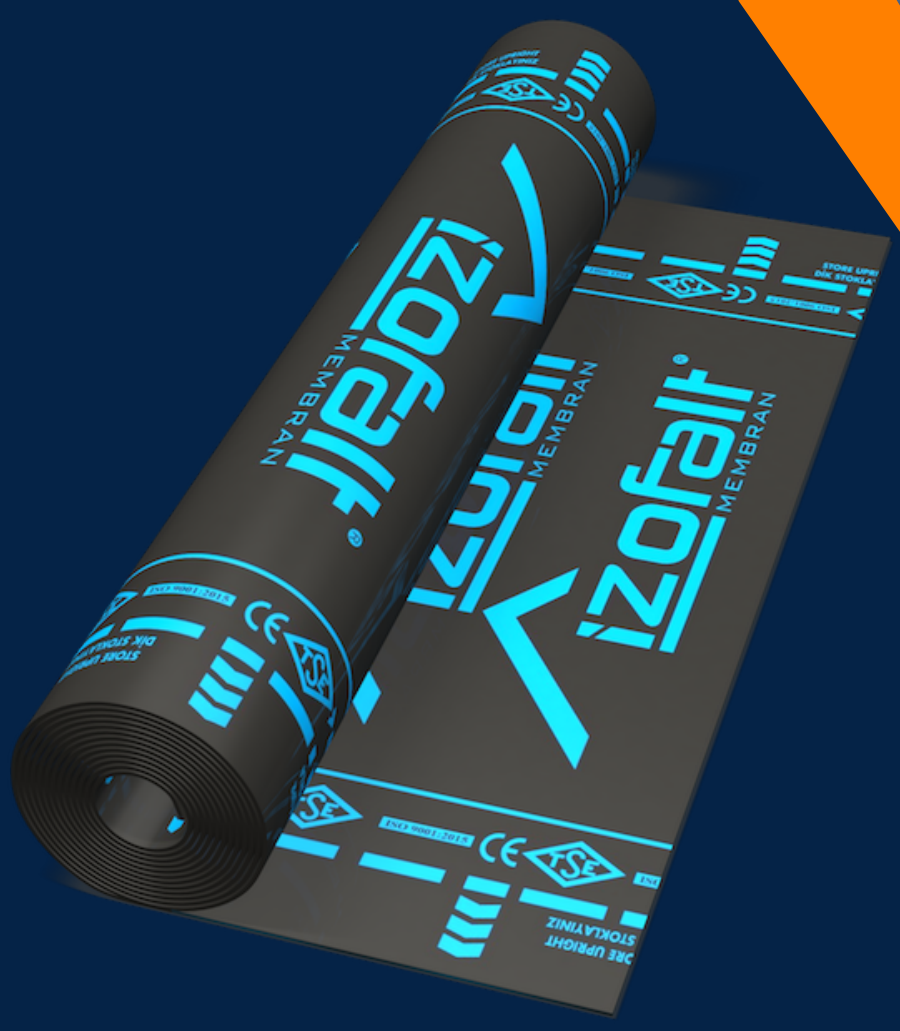

IZOFALT

Izofalt is a waterproofing membrane with fibreglass or polyester felt carrier, made of bitumen modified with APP (Atactic Polypropylene), coated with PE (polyethylene) film on the lower surfaces and PE (polyethylene) film or various minerals on the upper surfaces, showing high plastomeric properties, applied with a torch or hot asphalt.

AREAS OF USE: It is used in terrace roofs of buildings, sloping concrete roofs, curtain walls, viaducts, foundations, light metal roofs or prefabricated roofs to obtain water and moisture impermeability, as a lower floor insulation cover in light metal roofs or prefabricated roofs, as well as designed for cold climates, as a lower and middle floor cover in waterproofing to be made on surfaces that require all kinds of flexibility, wet areas such as bathrooms-kitchen and foundations where pressurised or unpressurised underground or surface water is present.

SURFACE PREPARATION: The application surface should be cleaned from dust, dirt, rust and oil and loose parts should be scraped off. Depending on the surface to be applied, if necessary, İzofalt sliding based waterproofing material membrane primer should be applied on the application surface and it should be allowed to dry completely.

APPLICATION METHOD: If the surface to be insulated is concrete, it must be finished with a wooden trowel trowelled slope screed, clean and dry. Before application, bituminous solution primer IZK-3000 or bituminous emulsion membrane primer must be applied to the surface and wait for drying. Start the application at the lowest part of the roof (lowest elevation) and perpendicular to the slope. Izofalt waterproofing membrane is adhered to the surface by heating with torch flame or by pouring hot asphalt in front of it. Staggering must be made between the rows. Leave 10 cm overlap allowance on the short side overlaps of 1 m and 15 cm overlap allowance on the long side overlaps and the joints should be adhered well. Between the layers, zigzagging must be made 50 cm on the short side and 5 m on the long side.

STORAGE: Izofalt waterproofing rolls should be stored in covered areas and upright. If the rolls need to be stored in the open for a long time, they should be covered to protect them from sunlight. If the rolls are to be stacked without pallets, they should not be stacked on top of each other. They should be stored vertically on a flat surface in closed environments.

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IZOMEM

Izomem is a waterproofing membrane with fibreglass or polyester felt carrier, made of bitumen modified with APP (Atactic Polypropylene), coated with PE (polyethylene) film on the lower surfaces and PE (polyethylene) film or various minerals on the upper surfaces, showing high plastomeric properties, applied with a torch or hot asphalt.

AREAS OF USE: It is used in terrace roofs of buildings, sloping concrete roofs, curtain walls, viaducts, foundations, light metal roofs or prefabricated roofs to obtain water and moisture impermeability, as a lower floor insulation cover in light metal roofs or prefabricated roofs, as well as designed for cold climates, as a lower and middle floor cover in waterproofing to be made on surfaces that require all kinds of flexibility, wet areas such as bathrooms-kitchen and foundations where pressurised or unpressurised underground or surface water is present.

SURFACE PREPARATION: The application surface should be cleaned from dust, dirt, rust and oil and loose parts should be scraped off. Depending on the surface to be applied, if necessary, Izofalt sliding based waterproofing material membrane primer should be applied on the application surface and it should be allowed to dry completely.

APPLICATION METHOD: If the surface to be insulated is concrete, it must be finished with a wooden trowel trowelled slope screed, clean and dry. Before application, bituminous solution primer IZK-3000 or bituminous emulsion membrane primer must be applied to the surface and wait for drying. Start the application at the lowest part of the roof (lowest elevation) and perpendicular to the slope. Izofalt waterproofing membrane is adhered to the surface by heating with torch flame or by pouring hot asphalt in front of it. Staggering must be made between the rows. Leave 10 cm overlap allowance on the short side overlaps of 1 m and 15 cm overlap allowance on the long side overlaps and the joints should be adhered well. Between the layers, zigzagging must be made 50 cm on the short side and 5 m on the long side.

STORAGE: Izofalt waterproofing rolls should be stored in covered areas and upright. If the rolls need to be stored in the open for a long time, they should be covered to protect them from sunlight. If the rolls are to be stacked without pallets, they should not be stacked on top of each other. They should be stored vertically on a flat surface in closed environments.

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PROMER

Promer is a waterproofing membrane with fibreglass or polyester felt carrier, made of bitumen modified with APP (Atactic Polypropylene), coated with PE (polyethylene) film on the lower surfaces and PE (polyethylene) film or various minerals on the upper surfaces, showing high plastomeric properties, applied with a torch or hot asphalt.

AREAS OF USE: It is used in terrace roofs of buildings, sloping concrete roofs, curtain walls, viaducts, foundations, light metal roofs or prefabricated roofs to obtain water and moisture impermeability, as a lower floor insulation cover in light metal roofs or prefabricated roofs, as well as designed for cold climates, as a lower and middle floor cover in waterproofing to be made on surfaces that require all kinds of flexibility, wet areas such as bathrooms-kitchen and foundations where pressurised or unpressurised underground or surface water is present.

SURFACE PREPARATION: The application surface should be cleaned from dust, dirt, rust and oil and loose parts should be scraped off. Depending on the surface to be applied, if necessary, İzofalt sliding based waterproofing material membrane primer should be applied on the application surface and it should be allowed to dry completely.

APPLICATION METHOD: If the surface to be insulated is concrete, it must be finished with a wooden trowel trowelled slope screed, clean and dry. Before application, bituminous solution primer İZK-3000 or bituminous emulsion membrane primer must be applied to the surface and wait for drying. Start the application at the lowest part of the roof (lowest elevation) and perpendicular to the slope. Izofalt waterproofing membrane is adhered to the surface by heating with torch flame or by pouring hot asphalt in front of it. Staggering must be made between the rows. Leave 10 cm overlap allowance on the short side overlaps of 1 m and 15 cm overlap allowance on the long side overlaps and the joints should be adhered well. Between the layers, zigzagging must be made 50 cm on the short side and 5 m on the long side.

STORAGE: Izofalt waterproofing rolls should be stored in covered areas and upright. If the rolls need to be stored in the open for a long time, they should be covered to protect them from sunlight. If the rolls are to be stacked without pallets, they should not be stacked on top of each other. They should be stored vertically on a flat surface in closed environments.

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BITUMSER

Bitümser is a waterproofing membrane with fibreglass or polyester felt carrier, made of bitumen modified with APP (Atactic Polypropylene), coated with PE (polyethylene) film on the lower surfaces and PE (polyethylene) film or various minerals on the upper surfaces, showing high plastomeric properties, applied with a torch or hot asphalt.

AREAS OF USE: It is used in terrace roofs of buildings, sloping concrete roofs, curtain walls, viaducts, foundations, light metal roofs or prefabricated roofs to obtain water and moisture impermeability, as a lower floor insulation cover in light metal roofs or prefabricated roofs, as well as designed for cold climates, as a lower and middle floor cover in waterproofing to be made on surfaces that require all kinds of flexibility, wet areas such as bathrooms-kitchen and foundations where pressurised or unpressurised underground or surface water is present.

SURFACE PREPARATION: The application surface should be cleaned from dust, dirt, rust and oil and loose parts should be scraped off. Depending on the surface to be applied, if necessary, İzofalt sliding based waterproofing material membrane primer should be applied on the application surface and it should be allowed to dry completely.

APPLICATION METHOD: If the surface to be insulated is concrete, it must be finished with a wooden trowel trowelled slope screed, clean and dry. Before application, bituminous solution primer İZK-3000 or bituminous emulsion membrane primer must be applied to the surface and wait for drying. Start the application at the lowest part of the roof (lowest elevation) and perpendicular to the slope. Izofalt waterproofing membrane is adhered to the surface by heating with torch flame or by pouring hot asphalt in front of it. Staggering must be made between the rows. Leave 10 cm overlap allowance on the short side overlaps of 1 m and 15 cm overlap allowance on the long side overlaps and the joints should be adhered well. Between the layers, zigzagging must be made 50 cm on the short side and 5 m on the long side.

STORAGE: Izofalt waterproofing rolls should be stored in covered areas and upright. If the rolls need to be stored in the open for a long time, they should be covered to protect them from sunlight. If the rolls are to be stacked without pallets, they should not be stacked on top of each other. They should be stored vertically on a flat surface in closed environments.

STANDARD: TSE 11758-1, TS EN 13969, TS EN 13707

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PLASTERED INSULATION

Plastered insulation is one of the latest water insulation methods. Waterproofing materials obtained from semi-fluid products such as membranes are applied by plastering method and form a waterproof structure by setting on the surface. This method is the name of an application method rather than a product type. It is offered to the market as single and double component.

AREAS OF USE: Used on exterior surfaces such as foundation-cover, terrace-roof, balcony, wet areas, door-window details etc.

APPLICATION METHOD: Plastered insulation material is selected and its required quantities are calculated and applied to the outer surface of the structure. It can be applied by brush, roller or spray, it is evenly distributed and the surface is levelled. After the plastered insulation process is completed, the outer surface of the structure is painted or coated as required.

Plaster based materials are materials applied to the application surface with brush, roller trowel or spraying systems. According to their content, they can be classified as cement, acrylic, cement+acrylic, bitumen and polyurethane based waterproofing materials..

Our Main Products
Membrane liner
Bitumen solutions
Bitumen based liquid membrane
Bitumen based double component liquid membrane
Acrylic based liquid membrane
Acrylic based two-component liquid membrane
Exposed concrete lining
Water based polyurethane based waterproofing materials

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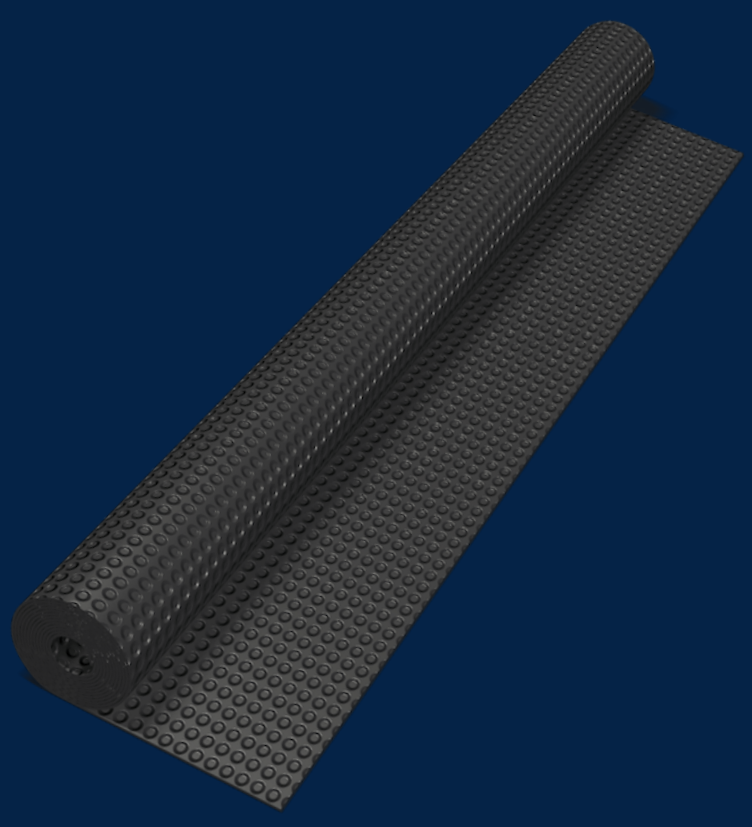

PLASSER DRAINAGE SHEET
Bubble sheets made of HDPE for waterproofing and drainage purposes in basement floors and foundation walls.
AREAS OF USE: It can be used in basement and curtain walls, floors, terrace roof applications, car parks, tunnels, in general, in all structures that need to be protected from water and the pressure it creates.

ADVANTAGES: In waterproofing systems, it is useful to remove water from the system after waterproofing the building elements with polymer bituminous waterproofing membranes. Plasser Drainage, which is used to remove water from the system and protect the insulation layers, is a drainage and protective material with a bubble profile made of high density polyethylene. The drainage volume between the bubbles allows for easy and fast drainage. It is very economical compared to methods such as briquette walling or polystyrene foam bonding to protect waterproofing. Since it is produced up to 2 mt width and 20 mt length, the waste caused by overlapping is low. It is extremely easy to apply. It is resistant to plant roots and rotting. Thanks to more than 1200 pcs/m² bubbles, it provides homogenous distribution of soil load. Bubble structure contributes to heat insulation and contributes to sound insulation when used indoors. Thanks to the 5,8 litres/m² air gap created between it and the surface, it provides rapid drainage of ground water. It provides the necessary air circulation for the drying of damp surfaces.

APPLICATION METHOD: Depending on the height of the application surface, it can be used transversely or longitudinally. Start the application 15 cm above the end point of the insulation and from the corners. The insulation must not be pierced during installation. A mounting button and nail or a suitable insulation pressure profile can be used for installation.

SHELF LIFE: Shelf life is unlimited. Should be stored upright.

STANDARD: TSE K 84

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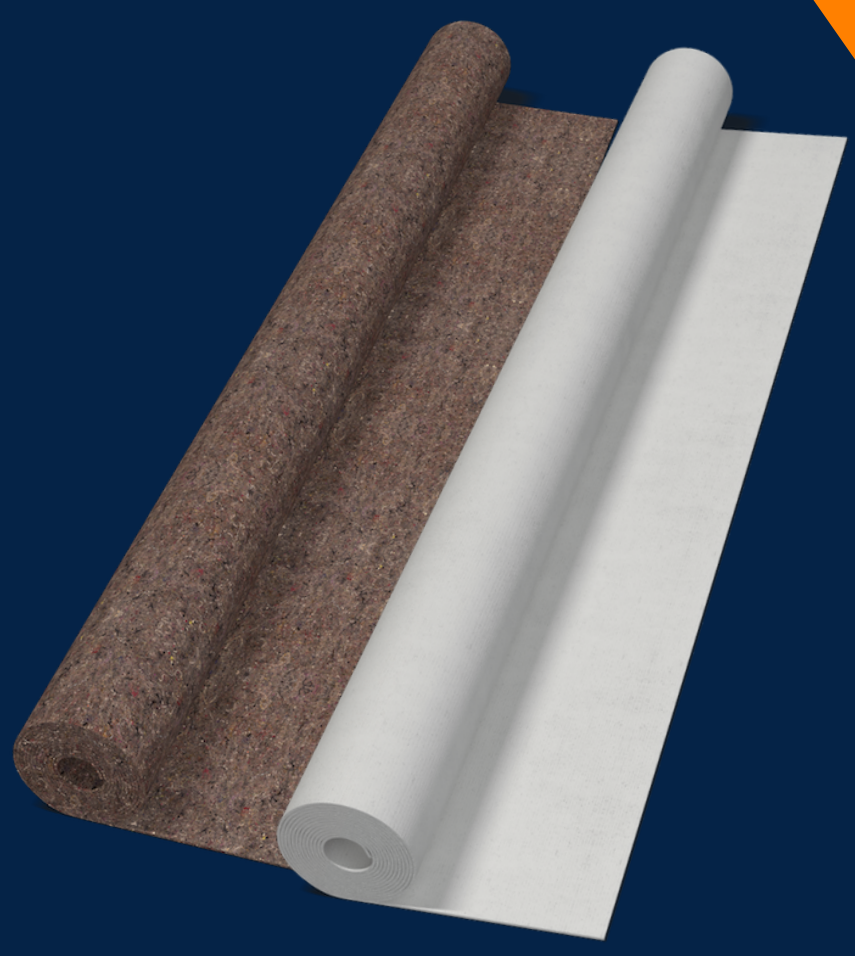

IZOFALT GEOTEXTILE FELT

They are non-woven geotextile felts used as a carrier against cracking between insulation layers, separation of water and heat insulation layers, protection of insulation, drainage of excess water, prevention of clogging of drainage pipes, prevention of collapses on roads and railways and many other areas.

AREAS OF USE: It is used as a carrier between floors in liquid insulation applications and prevents cracks in the ground from passing to the insulation surface. It is used to protect bituminous membrane and geomembrane applications on foundations. It is used as a separator between water and heat insulation layers. It is used by wrapping drainage pipes in foundations and as a filter layer in terrace gardens. It is used as pressure distributor under road pavements.

ADVANTAGES: Since it is heat treated, it shows more strength and less elongation at the same weight. Selection of the alternative to be used according to the project design, the capacity to produce monolithic production up to 2 m in width, offering economic solutions, the ability to use PP fibre in production to create superior strength and performance in applications exposed to concrete, maintaining sufficient thickness while under pressure, being resistant to the chemical properties of water and soil when considered for a long time, high permeability perpendicular and parallel to the surface of the geotextile, isotropic structure, resistance to acid, alkali and microorganisms, easy to transport and lay.

STORAGE: It should be stored in a dry and clean place.

STANDARD: TSE K 55

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IZOFALT SHINGLE

It is a final layer roofing covering in different shapes and sizes, consisting of oxidised bitumen with mineral stone particles on the upper surface, glass fibre preventing tearing and breaking in the middle part, and the lower surface is covered with a layer of rubber-mixed bitumen in order to adhere to the ground on which it is applied.

AREAS OF USE: Steel construction roofs, wooden construction roofs, pitched concrete roofs, pergolas, domes, camellias, modern architectural roofs.

ADVANTAGES: It easily adapts to all types of roofs. It can be adapted to complex roof forms, curvilinear surfaces such as domes and vaults. It is aesthetic with its fragmented texture and attractive colours. Easy and fast application. It is waterproof, its fragmented and flexible structure prevents cracking in temperature differences, it is long lasting. It can be walked on comfortably. It does not require different materials in details such as ridge, inclined stream, wall-chimney bottom, the roof appearance is completed with a single material. It is a light material with a weight of approximately 10 kg/m², it gives very little load to the roof construction.

APPLICATION METHOD: Shingle is a flexible roofing material. One package covers an area of approximately 3 m². A solid skeleton made of metal or wood is first built on the roof to be covered with shingles. This skeleton should be strong enough to carry a person against the possibility of any repair on the roof. It can be made of 4x4, 5x5 or 10x10 planks. On this prepared skeleton, compressed wood panels (OSB) are screwed. The assembly of the skeleton should be formed in such a way that the ends and joints of the OSB to be covered on it can also be screwed. OSB panels are 122x244 cm long. After the installation of OSB, if desired, under shingle covers can be laid on it for insulation. These covers can be mounted on OSB by burning with blowtorch, nailing or hammering. Shingle underlays are not preferred in some buildings because they are costly insulation. Shingles are laid on OSB or under the shingle cover starting from the end. The ends of the shingles can be laid a little bit outside, in the gap. Each shingle should overlap the previous one. Shingle is laid by hammering with a shingle nail or by heating with a blowtorch from the tracked place. Bitumen mastic can also be used for fixing the ends of the shingle sheets. Shingles are fixed to wooden roofs with 30% or more slope by driving galvanised, wide-headed special nails. It is applied on low slopes or concrete roofs with smooth surface by isolating with bituminous membranes. The workmanship is easy and fast. Different materials such as zinc, sheet metal are not required for special details such as wall bottom, ridge, inclined stream, etc. in shingle roofing made with shingle types. These roofs should be ventilated in accordance with the cold roof construction rules. Since the shingle roof is finished with a single material, colour and appearance integrity is ensured throughout.

STORAGE: Shingle packages should not be stacked more than 19 packages, stored in a dry and cool place and kept away from direct heat source. Before use, the packages can be slightly bent so that the leaves can be separated easily. Do not place a second pallet on the pallet.

STANDARD: TS EN 544

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REFERENCES

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