



revitalising solutions for buildings



REVITALISING SOLUTIONS FOR BUILDINGS



- New generation waterproofing products
- Elastomeric liquid bitumens and primers
- Waterproofing membranes
- Synthetic membranes
- Asphalt Shingles
- Green roofing systems
- Corrugated bituminous roofing sheets
- Self-adhesive waterproofing tapes
- Thermal insulation boards



With its head office in İzmir, the foundations of BTM, leading insulation company of Turkey, were laid in İstanbul in 1976 by Türkiye Şişe Cam Group. It has been increasingly maintaining its operations through its new and technological investments in its production plants in the Kemalpaşa Organised Industrial Zone at İzmir since 1986. It has a total of five plants where waterproofing, thermal insulation and roofing materials are produced. A company of the BTM Group, Polpan Kz is a plant operating in Kazakhstan and producing 75.000 m² thermal insulation sheets per year.

Breaking grounds in Turkey, BTM has clinched its leading position in the insulation sector by producing the polymer bituminous waterproofing membrane in 1989; closed-cell XPS thermal insulation sheet in 1994 and roofing material Asphalt Shingle in 1996 for the first time.

Considering the changing market and competitive conditions in the world, BTM, which has developed its own technology and products, invested in engineering force and laboratory infrastructure in this field and implemented projects in common with research organisations and universities at home and abroad, moves the insulation sector one step forward in the world of technology through the firsts it has created.

Backed by the complex production plants equipped with advanced technology and an R&D force consisted of specialised staff members, BTM is a reliable business partner of the sector with its smart solutions and high quality products which it has created.

Having rapidly enhanced its range of products since the day it was incorporated, the products of BTM are offered in a wide range which may respond to each and every need of the user from the roof to the foundation. Thanks to the technology which it possesses, BTM has the ability and capability of producing more than 180 different products when and if so desired.

In the insulation sector, BTM has so large a product range with

- Polymer bituminous waterproofing products (Polibit, Plastobit, Elastobit, Levobit)
- PVC-based synthetic membranes (Polyplan)
- Green roofing systems
- Roofing material (Bitumen-based shingle - BTM Shingle)
- Roofing material (Corrugated bitumen sheet - Corrubit)
- Bitumen-based building chemicals (Emulsions, Solutions, Joint fillers, Daubing materials)
- Self-adhesive waterproofing tapes (Bitüself, Bitüself Star, BDB 15, BDB 45)
- Thermal insulation systems (XPS thermal insulation boards - BTM Plus)
- New generation waterproofing products (Acrylic, epoxy, polyurethane, polyurea and α -hybrid based)



BTM registered its structure aiming at new and competitive solutions which it has adopted as a principle with the ISO 9001:2000 certificate in 1997, placing great importance on customer satisfaction.

In 1999, it established the Quality Management System in its Quality Control and R&D Laboratories in compliance with the TS EN 45001 Accreditation Standard, thus taking the title of the first certified laboratory in its sector. Once the TS EN 45001 Standard had been converted to the TS EN ISO/IEC 7025 Standard in 2002, the Laboratory Quality System was revised and it now serves the sector with 41 different tests required for insulation products.

At BTM, each product bears an unconditional quality assurance in each and every process from the production to the moment it reaches the user.

R&D strategies of BTM where technological and production works are implemented at world standards have been established to produce products which are

Environment friendly
 Smart and easy-to-use, customer-satisfying
 Suitable for purchasing power and future standards.

For those R&D studies performed on those issues as contained in the field of activity of BTM, cooperation is made with universities, suppliers, research organisations and institutes at home and abroad.

BTM's pre-eminent basic strategic goals are to maintain its leadership in the living geography, increase its exports and perform environment friendly production.

Having been recalled with quality and reliability in its sector since the day it was incorporated, BTM provides exact solutions to any insulation problems through its network of dealers all over Turkey and offers any and all technical support and solutions regarding its products.

BTM further provides periodical training for the correct use of the products it has developed in compliance with the requirements of the sector and make its appliers conscious, thus enhancing the quality of application.



btm[®]
 revitalising solutions for buildings



btm[®] SEAL AA 0106

Epoxy Based Solventless Transparent Impregnation Primer



BTMSEAL AA 0106 is solvent free low viscosity two component, transparent impregnation primer based on epoxy base (resin) and reactor (hardener). It is used specially as a primer to bind BTMSEAL products such as polyurethane and polyurea based rigidly to the substrate. Pack A & Pack B are pre-measured quantity of Resin and Hardener and need only mixing at site.

btm[®] SEAL AW 6075

Waterborne Epoxy Based Transparent Primer/Sealer



BTMSEAL AW 6075 Waterborne Epoxy Based Transparent Primer/Sealer is compatible with most high performance finish coats and, in many cases, can be used as an effective barrier coat when coating previously painted surfaces. The product can also be used as a primer for damp concrete or masonry surfaces.

btm[®] SEAL DRY ROOF

Acrylic Based High Strength Flexible Roof Terrace Waterproofing Material



BTMSEAL DRY ROOF is a specially formulated acrylic polymer based waterproofing material for application to a variety of surfaces. Its special formulation provides excellent weather resistance and excellent waterproofing characteristics for most roofing substrates. Its white color protects from the sun's ultra-violet rays. It resists chalking and dirt pick-up, bridges hairline cracking, non-yellowing and is fungus, algae & mildew resistant.

btm[®] SEAL PU 1000

One Component, Elastomeric, Polyurethane Based Waterproofing Material



BTMSEAL PU 1000 is, elastomeric, polyurethane based, flexible waterproofing coating material for vertical and horizontal surfaces. After application, seamless, durable and creates a structure capable of bridging cracks. Elastomeric property by reason of the performance remains the same even at low temperatures.

btm[®] SEAL PU 1260

One Component, U.V. resistant, Elastomeric, Polyurethane Based Waterproofing Material



BTMSEAL PU 1260 is U.V.resistant, elastomeric, polyurethane based, flexible waterproofing coating material for vertical and horizontal surfaces. After application, seamless, durable and creates a structure capable of bridging cracks. Elastomeric property by reason of the performance remains the same even at low temperatures.

btm[®] SEAL PU 3500

One Component, U.V. resistant, Elastomeric, Transparent, Polyurethane Based Waterproofing Material



BTMSEAL PU 3500 is U.V.resistant, elastomeric, transparent, polyurethane based, flexible waterproofing coating material for vertical and horizontal surfaces. After application, seamless, durable and creates a structure capable of bridging cracks. Elastomeric property by reason of the performance remains the same even at low temperatures.

btm[®] SEAL ALFA HİBRİT

One Component α -hybrid Polymer Based Waterproofing Material



BTMSEAL ALFA HİBRİT is which can be applied from both sides (Negative and positive sides), -5°C and at temperatures above, can be applied to wet surfaces, not require primer, 2mm. crack featured bridging, solventless, cyanate-free, fast curing, easy to apply, 100% solid (solventless), hibrid polymer based waterproofing material. Excised after application, U.V. durable, rugged and crack-bridging feature creates a structure. Elastomeric property by reason of the performance remains the same even at low temperatures.

btm[®] SEAL PUrea 5000

Two-Component, Elastomeric, Flexible, Hand Applied Polyurea Based Waterproofing Material



BTMSEAL PUrea 5000 is flexible, polyurea based, hand applied waterproofing coating. After application, high resistant seamless, U.V. resistant durable and creates a structure capable of bridging cracks. Elastomeric property by reason of the performance remains the same even at low temperatures.

btm[®] SEAL PUrea 1700

Two-Component, Elastomeric, Fast Curing, Flexible Polyurea Based Waterproofing Material



BTMSEAL PUrea 1700 is flexible, polyurea based waterproofing coating. After application, seamless, U.V. resistant durable and creates a structure capable of bridging cracks. Elastomeric property by reason of the performance remains the same even at low temperatures.



Our liquid products have been designed to allow them to be used as supplementary or ancillary in the application of the dampproofing/waterproofing products or alone for such purposes.

Alusol is used as a supplement in waterproofing thanks to its reflective and UV protection properties, **Bitumer and Bitusol** are used as a primers ancillary to waterproofing with membranes, **Elastomast and Elastoplast** are used in filling the joints, as well as asphalt shingle and bitumen membrane adhesive, **Elastosol and Bitulast** are used in the insulation of small balconies/terraces, such wet spaces as kitchens and bathrooms and foundation curtain walls against humidity.



BT2K 600

bitümento

a two-component, flexible, water-based, fibre-enhanced and polymer bituminous waterproofing material



BTM Bitümento BT2K 600 is easily applicable in such mineral surfaces as concrete, stone, brick, briquette, plaster, grout, foundations and basements, curtain walls, underground surfaces which contact with water for waterproofing purposes. It is further used under the flooring in such wet spaces as bathrooms, kitchens, showers and toilets, balconies and terraces (e.g. ceramic tiles), in the adhesion of thermal insulation sheets and in the repairs of bituminous waterproofing.



BT2K 500

bitümento

a polymer modified bituminous, two-component, brush-applicable, fibre-added, flexible, waterproofing materiel not containing solvent



BTM Bitümento BT2K 500 is easily applicable in such mineral surfaces as concrete, stone, brick, briquette, plaster, grout, foundations and basements, curtain walls, underground surfaces which contact with water for waterproofing purposes, in foundations and basements, curtain walls, in such wet spaces as bathrooms, kitchens, showers and toilets, under the flooring (for instance, ceramic) in balconies and terraces.



BDB 15

joint tape



BTM BDB 15 is a special bitumen based, flexible and highly strong self-adhesive tape with an enhanced adherence which is laminated with polymer foil reinforcement, which is used in providing waterproofing at the seams (overlap) of bitumen-based liquid two component waterproofing materials (BT2K600, BT2K500, etc.) and polymer bituminous waterproofing membranes (Elastobit, Plastobit, Polibit and Levobit, etc.) in foundation curtain walls, at the roof ridges on roofs, in insulating and repairing wood, metal, glass, concrete, brick, roof tile, asphalt-based materials.



BDB 45

dilatation tape



BTM BDB 45 is a self-adhesive, flexible and highly strong dilatation tape confidently used in dilatations on roofs, foundation base and foundation curtain walls. While the flexible and highly strong polymer foil reinforcement on its top surface provides BDB 45 with unique mechanical properties, its self-adhesive specially formulated bituminous bottom surface ensures a firm adhesion on any kinds of surfaces and easy application.



btm BTR 200
bitümer

It is a single-component, water-based waterproofing material not containing solvent. It is used as an undercoating material and binder in bituminous coverings and applications with fibreglass and canvas in foundation-basement curtain walls, terraces, roofs, kitchens and bathrooms. It is used in the protection of metallic surfaces, as a sealant and an adherence enhancing additive in cement-sand based mortars and plasters, in the protection of building forms and as form releasing agent. It may be applied with a brush or a roller.



btm BTR 100
primer

BTR 100 is a cold-applied bitumen emulsion used as a primer in waterproofing. Besides being used as a primer in waterproofing applications, it is also used as a moisture retainer in foundations walls. It is applied with a brush.



btm BTS 100
bitüsöl

It is a bitumen solution-based, cold-applied, single-component insulation material. It is used in preventing moisture in foundation and basement floors and walls and side façades of buildings as well as in foundation and roof insulation. It forms a waterproof layer in the fibreglass, mesh, bituminous cardboard applications as a primer before bituminous coverings. It may be used in drinking/potable water reservoirs and on metallic surfaces under or on the ground. It may be applied with a brush or roller.



btm BTL 200
bitülast

Bitülast is used for water- and moisture-proofing on wet spaces such as kitchens and bathrooms or on horizontal surfaces as small terraces and vertical ones such as foundation curtain walls. It provides a good covering on such materials as concrete, plaster, etc. Due to the rubber additives it contains, it is more flexible, covering and long-lasting compared to other conventional undercoating materials. It is an environment-friendly product as it is water-based. As it does not contain petroleum-derivative thinners, it may be safely be used in enclosed spaces. As it is cold-applied, it does not require any heating equipment. As it does not have seams, it displays continuity. It fully adheres to those surfaces to which it is applied.



btm ALS 100
alüsöl

It is a bitumen solution with excellent adherence which contains reflective aluminium. It is resistant to air pollution and atmospheric conditions. It may be applied with a brush, roller and atomiser.



btm ELS 100
elastosöl

It is a protective polymeric bitumen solution which displays a flexible character. It has a high adherence, covering properties and water resistance. It is recommended to be used together with the reflective Alusol in dome, vault and northern wall applications. It is resistant to air pollution and atmospheric conditions. It may be applied with a brush, roller and atomiser.



btm ELM 300
elastomast

It is used in filling processes of any types of joints in such engineering buildings as highways, bridges and the like. Hot-applied, this product is applied to joints after being melted between 180-220°C in a proper melting pot (e.g. it is preferred to melt in a pot filled with heat transfer oil all around or at the bottom).



btm ELT 400
elastopast

Cold-applied elastomeric bituminous adhesive Elastopast is a flexible product which is used in adhering shingles or filling horizontal/vertical joints and which displays strong adhering properties.



btm ELTW 400
elastopast wet

ELASTOPAST WET is a bitumen-based, cold-applied joint filler modified with elastomeric polymers, which is intended for sealing, repair and adhesion and which may be applied in wet floors and even under water.

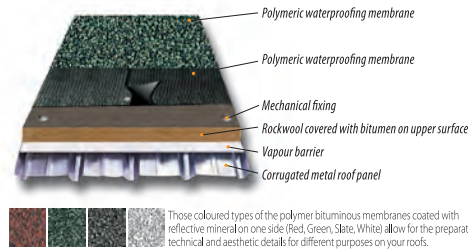
elastobit®



Elastomeric polymer bituminous waterproofing membrane



Carrefour - İstanbul



Those coloured types of the polymer bituminous membranes coated with reflective mineral on one side (Red, Green, Slate, White) allow for the preparation technical and aesthetic details for different purposes on your roofs.



Of the fibreglass-reinforced models of Elastobit series, CE2 and CE3 are used as first coat membranes in those waterproofing applications with two or more layers on roofs and in foundations.

SBS ELASTOMERIC POLYMER BITUMINOUS WATERPROOFING MEMBRANES (Propane torch applied)

	Membranes	Roll Size	Roll/Pallet
Fibreglass-reinforced	CE 2	1x15 m	35 rolls
	CE 3	1x10 m	35 rolls
POLYESTER FELL-REINFORCED	PE 3	1x10 m	35 rolls
	PE 3 M	1x10 m	30 rolls
	PE 3 AL	1x10 m	35 rolls
	PE 4	1x10 m	25 rolls
	PE 4 M	1x10 m	27 rolls
	PE 4 AL	1x10 m	25 rolls
	PE 5	1x8 m	25 rolls
	PE 5 M	1x8 m	27 rolls

LEGEND:

AL: Aluminium Foil

M: Coloured Mineral-coated waterproofing membranes - Slate, White, Red, Green

plastobit®

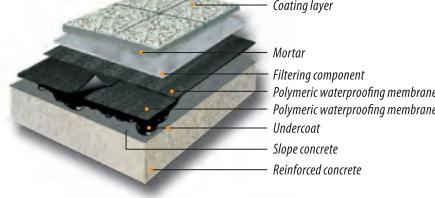


Plastomeric polymer bituminous waterproofing membrane



SSO Göztepe Children's Hospital - İstanbul

TERRACE ROOF WITHOUT THERMAL INSULATION (Treadable)



Those coloured types of the polymer bituminous membranes coated with reflective mineral on one side (Red, Green, Slate, White) allow for the preparation technical and aesthetic details for different purposes on your roofs.



Polymer bituminous waterproofing membranes of the Plastobit series are the very first polymer bituminous membranes ever produced in Turkey. Of the Plastobit series waterproofing membranes, PP4000V model with a high softening point is the one suitable for waterproofing on bridges and viaducts. PP4000V are reliably used at highway networks.

APP PLASTOMERIC POLYMER BITUMINOUS WATERPROOFING MEMBRANES (Propane torch applied)

	Membranes	Roll Size	Roll/Pallet
Fibreglass-reinforced	CP 2000	1x15 m	35 rolls
	CP 3000	1x10 m	35 rolls
POLYESTER FELL-REINFORCED	PP 3000	1x10 m	35 rolls
	PP 3000 M	1x10 m	30 rolls
	PP 3000 AL	1x10 m	35 rolls
	PP 4000	1x10 m	25 rolls
	PP 4000 M	1x10 m	27 rolls
	PP 4000 AL	1x10 m	25 rolls
	PP 5000 M	1x10 m	25 rolls
		PP 5000 M	1x8 m

LEGEND:

AL: Aluminium Foil

M: Coloured Mineral-coated waterproofing membranes - Slate, White, Red, Green

Of the fibreglass-reinforced models of the Plastobit series, CP2000 and CP3000 are used as first layer membranes in those waterproofing applications with two or more layer on roofs and in foundations. Polyester felt-reinforced members of the Plastobit series, PP3000 and PP4000 are used as first and second coat membranes in the multi-layer insulation applications on roofs and in foundations. Slate-coated PP3000M, PP4000M and PP5000M membranes are reliably used as top layer membranes on any kinds of terrace roofs. Further, PP5000M may be used in a single layer in the waterproofing of those roofs with a slope of more than 5 percent. Membranes of Plastobit series made from APP polymer-reinforced bitumen used in the modification of plastomeric bitumen are waterproofing membranes with a wide use in hot, moderate and medium cold climates for their superior performance. Basic areas of use in buildings are terraces and sloping reinforced concrete roofs, foundation tanking, foundation curtain insulation and wet space waterproofing.

polibit®

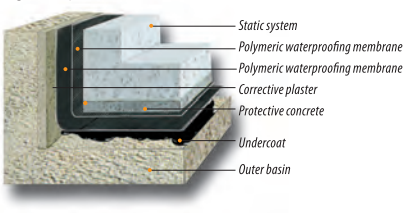


Plastomeric polymer bituminous waterproofing membrane



Ağaçlı Atşehir - İstanbul

INTERNAL FOUNDATION INSULATION (against pressurised water)



Those coloured types of the polymer bituminous membranes coated with reflective mineral on one side (Red, Green, Slate, White) allow for the preparation technical and aesthetic details for different purposes on your roofs.



Fibreglass-reinforced C2000 and C3000 are used as first layer membranes in those waterproofing applications with two or more coats on roofs and in foundations. Polyester felt-reinforced members of the Polibit series, P3000 and P4000 are used as first and second layer membranes in the multi-layer waterproofing applications on roofs and in foundations.

SBS ELASTOMERIC POLYMER BITUMINOUS WATERPROOFING MEMBRANES (Oxyacetylene burner-applied)

	Membranes	Roll Size	Roll/Pallet
Fibreglass-reinforced	C 2000	1x15 m	35 rolls
	C 3000	1x10 m	35 rolls
POLYESTER FELL-REINFORCED	P 3000	1x10 m	35 rolls
	P 3000 M	1x10 m	30 rolls
	P 4000	1x10 m	25 rolls
	P 4000 M	1x10 m	27 rolls
	P 5000 M	1x8 m	27 rolls

LEGEND:

M: Coloured Mineral-coated waterproofing membranes - Slate, White, Red, Green

Polibit series products made from APP plastomer-added bitumen constitutes an economical alternative in waterproofing. Polibit membranes are reliably used in the insulation details of those buildings located in hot, moderate and medium cold climates. Rapidly, practically and easily applied with a propane torch, the Polibit series membranes have an extensive use. It may not only be used in the waterproofing of terrace roofs and foundations against humidity or pressurised water, but is also especially preferred in the waterproofing of artificial lakes and water channels passing over calcareous and gypsum soils. As a requirement of functionality and economy in the construction of small industrial zones which occupy an important place in the industry of our country, a construction system finished with sloping reinforced concrete roof panels are preferred. In this case, the most economical solution which adapts to any critical points (dilatation, concrete gutter, parapet, chimney, etc.) and presents continuity (compact) is the polyester felt-reinforced polymeric bituminous Polibit P5000M waterproofing membrane coated with reflective mineral on the upper side.

levobit®



Plastomeric polymer bituminous waterproofing membrane



Ant Yapı Ümraniye - İstanbul

2mm- and 3mm-thick fibreglass-reinforced CS 220 and CS 330 of the Levobit product series are used as first layer membranes in multi-layer waterproofing applications on roofs and in foundations. Three mm-thick polyester felt-reinforced PS 330 is used as a first and second layer membrane in multi-layer insulation applications against humidity and pressurised water. Further, it may be used in the insulation of artificial ponds and water channels passing over calcareous and gypsum soils and those basins and channels where waters containing chemicals are stored.

Those coloured types of the polymer bituminous membranes coated with reflective mineral on one side (Red, Green, Slate, White) allow for the preparation technical and aesthetic details for different purposes on your roofs.



Products of Levobit series made from plastomer-added bitumen may be reliably used in the insulation details of any buildings located in warm and medium cold climates.

SBS ELASTOMERIC POLYMER BITUMINOUS WATERPROOFING MEMBRANES (Oxyacetylene burner-applied)

	Membranes	Roll Size	Roll/Pallet
Fibreglass-reinforced	CS 220	1x15 m	35 rolls
	CS 330	1x10 m	35 rolls
POLYESTER FELL-REINFORCED	PS 330	1x10 m	35 rolls
	PS 330 M	1x10 m	30 rolls
	PS 430 M	1x10 m	27 rolls

LEGEND:

M: Coloured Mineral-coated waterproofing membranes - Slate, White, Red, Green



elastoself MD®

self-adhesive waterproofing membrane



Roofing may be easily carried out with light and modern materials of the present day in any buildings such as factories, hypermarkets, warehouses, sports halls, etc. which spread over a large area. While metal trapezoid iron sheets ensure to cross large clearances with a slight slope (terrace), they also reduce the costs of heating/cooling as well as construction costs as they do not cause any loss of space above the column level. Further, they create usable areas by allowing the installation of such fittings as cooling centre, advertising panels and fire smoke windows, etc. on the roof.

BTM offers a long-lasting and reliable alternative which may be easily and rapidly applied to water and thermal insulation of buildings with light metal roofs. Polpan thermal insulation sheets, self-adhesive Elastoself MD and slate mineral-coated polyester felt-reinforced Elastobit membranes are used in this system. Of the components comprising the system, ElastoSelf MD is a self-adhesive product and adhered on Polpan sheets in practice. Once the application of ElastoSelf MD which is applied with 10cm and 15cm overlaps at the seams is finished, the elastomeric bituminous, polyester felt-reinforced membrane which is slate-coated on one side is adhered to the surface by full-adhesion method, using a propane torch.

SELF-ASHESIVE WATERPROOFING MEMBRANE

Membranes	Roll Size	Roll/Pallet
ELASTOSELF MD	1x20 m	25 rolls
ELASTOSELF MD AL	1x20 m	25 rolls



renova UNO

elastomeric bitumen-based, membrane self-adhesive on one side



Places of use:

It is used for waterproofing purposes as the first layer and/or second layer on terraces, roofs and in foundations.

Renova UNO is a 3mm-thick special polymeric bituminous, polyester-felt-reinforced membrane which is self-adhesive on one side and has been developed for renovations projects. Depending on the place of use, it may be produced coated with slates in different colours on the top surface. It is capable of being reliably used for roof insulation of historical buildings bearing fire risks in particular thanks to its self-adhesive nature without using a propane torch.

WATERPROOFING MEMBRANE SELF-ADHESIVE ON ONE SIDE

Membranes	Roll Size	Roll/Pallet
RENOVA UNO	1x10 m	30 rolls



renova DUE

elastomeric bitumen-based, membrane self-adhesive on both sides



Places of use:

It is used for waterproofing purposes as the first layer and/or second layer on terraces, roofs and in foundations.

Renova DUE is a 3mm-thick special polymeric bituminous, polyester-felt-reinforced membrane which is self-adhesive on both sides and has been developed for renovations projects. It is capable of being reliably used for roof insulation of historical buildings bearing fire risks in particular thanks to its self-adhesive nature without using a propane torch.

WATERPROOFING MEMBRANE SELF-ADHESIVE ON BOTH SIDES

Membranes	Roll Size	Roll/Pallet
RENOVA DUE	1x10 m	30 rolls



drenaj

high density polyethylene dimpled membrane



It is useful to remove the water away from the system after the structural components have been made water-proof with waterproofing membranes in waterproofing systems. Used in removing the water away from the system and protecting the proofing layers, BTM Draining is a draining and protective material with a blistered profile made of high density polyethylene. Draining volume between the dimples allows for an easy and fast drainage.

Places of use:

BTM Drainage high density polyethylene dimpled membranes are used in foundation curtain walls, terrace roofs and floors as well as highways, railways and tunnels to remove the water therefrom.





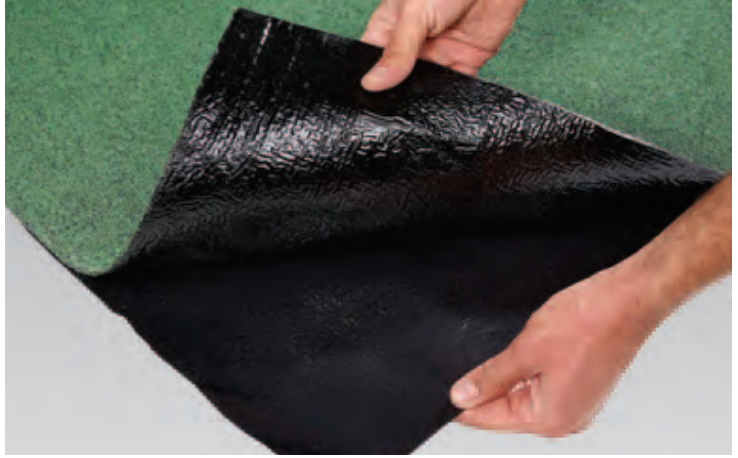
poliroof



coloured granule-surfaced waterproofing membranes



BTM Poliroof PR 4500 (propane torch applied)



BTM Poliroof SA 4500 (Self-adhesive)



BTM Poliroof roofing membranes have two different models: torch applied and self-adhesive. BTM Poliroof membranes are polyester felt-reinforced which offers strength, flexibility and a long life.

Poliroof APP-modified, polymeric bituminous, coloured granule-surfaced waterproofing membranes bring safe, light-weight, economic and long-lasting solutions to the waterproofing of pitched roofs. When Poliroof membranes are used by adhering over the 2mm-thick Polibit C 2000 membrane which is used as the first layer on sloping roofs, they economically offer a unique waterproofing and strength as compared to the other sloping roofing systems.



BTM Poliroof SA MB Roof Ridge Tape (Self-adhesive)

Poliroof SA MB offers rich detail solutions for shingle-covered roofs. Offering permanent, practical and economical solutions in such details as roof ridge, gable wall, hip wall, chimney flashing, eaves plate covering, Poliroof SA MB is surfaced with colour shingle granules and has a polyester felt-reinforced and self-adhesive bitumen layer.

Very easy to apply, Poliroof SA MB may be easily applied by removing the removable foil on its lower surface. While the tape which is 33 cm wide is usually used on roof ridges, the one which is 50 cm wide is designed to use on such details as baseboards and parapets.

COLOUR GRANULE-COATED WATERPROOFING MEMBRANE

Membranes	Roll Size	Roll/Pallet
POLIROOF PR 4500	1x10 m	27 rolls
POLIROOF SA 4500	1x10 m	27 rolls

SELF-ADHESIVE ROOF RIDGE TAPE

Membranes	Roll Size	Roll/Pallet
POLIROOF SA MB 33	0,33x10 m	2 rolls
POLIROOF SA MB 50	0,50x10 m	1 rolls



kiremit alti



waterproofing membrane

Developed against water leaks frequently encountered in clay-tiled sloping roofs in cases of showers, stormy and rainy weather and snow accumulation, BTM Roof Tile underlayment membranes solve water tightness problems of roof-tiled roofs with four different models. The models KK1000 and KKF1000 contain organic reinforcement and the polypropylene canvas covering one side in the model KKF1000 provides the membrane with a tear-proof characteristic. The models KC2000 and KCF2000 are furnished with long-lasting inorganic fibreglass and the model KCF2000 is strengthened with tear-proof polypropylene canvas.

ROOF TILE WATERPROOFING UNDERLAYMENT (without thermal insulation)



- 1-BTM roof tile waterproofing underlayment
- 2- Covering laths
- 3- Rafter
- 4- Purlin
- 5- Roof-tile

ROOF TILE WATERPROOFING UNDERLAYMENT (with thermal insulation)



- 1-BTM roof tile waterproofing underlayment
- 2- Polpan thermal insulation board (Extruded polystyrene hard foam)
- 3- Rafter
- 4- Purlin
- 5- Roof-tile



OXIDISED BITUMINOUS WATERPROOFING MEMBRANE

	Membranes	Roll Size	Roll/Pallet
Cardboard-reinforced	KK 800	1x20 m	42 rolls
	KKF 800 (Kanaviçeli)	1x20 m	42 rolls
	KK 1000	1x20 m	42 rolls
	KKF 1000 (Kanaviçeli)	1x20 m	42 rolls
	KK 2000	1x15 m	42 rolls
FIBREGLASS-REINFORCED	KC 2000	1x10 m	42 rolls
	KCF 2000 (Kanaviçeli)	1x10 m	42 rolls



Dilovasi Tunnels - Gebze

Having been being in use all over the world for more than 40 years, PVC-P (Plasticised Polyvinyl Chloride) waterproofing membranes offer reliable waterproofing solutions by applying in single layer through proper material choices and system solutions from foundation to roof.

Polyplan synthetic membranes offer economical, long-lasting flexible and environment-friendly products which are resistant to the outdoor weather conditions by the use of additives appropriate for any fields of use.



Tema Department Stores - İstanbul

Polyplan UG is a plasticised PVC-based synthetic membrane with a signal layer which is produced in conformity with the EN 13967 norms. Seams of the PolyPlan UG PVC membranes applied by the use of automated hot air welders may be checked thanks to welding test. They are produced in our factory holding a TS EN ISO 9001 certificate.

Areas of Application

- Highway and railroad tunnels,
- Foundation and curtain waterproofing in buildings
- Terrace roofs impermeable to UV.

Specifications

- Is highly capable of flexibility,
- Allows for visual inspection thanks to the signal layer
- Is reliably applied by the use of special welders,
- Is long-lasting,
- Displays resistance to plant roots,
- Has a high mechanical strength,
- Allows for application on pole-driven shoring wall as it is applied by free laying method.



Polyplan RU is a synthetic membrane of plasticised PVC-based, non-reinforced, single-colour homogeneous nature. Seams of the PolyPlan RU PVC membranes applied by the use of automated hot air welders may be checked thanks to welding test. They are produced in our factory holding a TS EN ISO 9001 certificate.

Areas of Application

- Reservoirs,
- Treadable roof terraces,
- Artificial ponds,
- Water channels.

Specifications

- Is highly resistant to outdoor weather conditions and ultraviolet rays,
- Is capable of high flexibility,
- May reliably be applied by the use of special welders,
- Is long-lasting,
- Displays resistance to plant roots,
- Has a high puncture resistance,
- Has a high dimensional stability,
- Allows for welding control test.



Eskidji - İstanbul

PolyPlan RU-P is a plasticised PVC-based, polyester-reinforced synthetic membrane which is fastened to light-weight metallic roofs or reinforced concrete roofs by mechanical mounting and seamed by hot air welding.

Areas of Application

- Light-weight metallic roofs,
- Concrete roofs with/without thermal insulation
- Concrete or steel roofs in the form of a dome or of a different shape

Specifications and Advantages

- Is resistant to sun rays, plant roots and atmospheric conditions,
- Has a high tearing and tensile strength value and dimensional stability thanks to the polyester reinforcement,
- Is easily laid and fastened on light-weight metallic and concrete roofs by mechanical mounting (bracing),
- Is long-lasting and easy and fast to apply,
- Is resistant to flushing action of water.



polyplan



synthetic membrane



Royal Center - Istanbul



Nezahat Gökyiğit Public Park - Istanbul



polyplan

WD

PolyPlan WD is a single-colour homogeneous plasticised PVC-based synthetic membrane conforming to the EN 13967 standards. Applied by the use of automated air welders, PolyPlan WD membranes may be checked thanks to welding test. They are produced in our factory holding a TS EN ISO 9001 certificate.

Fields of Application

- Drinking water tanks
- Fire and potable water tanks

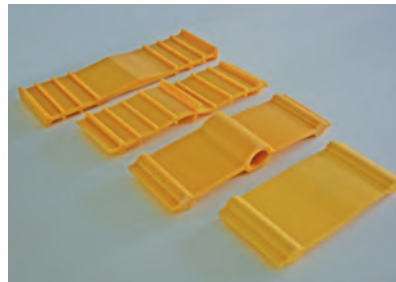
Specifications

- Makes no changes in the colour and quality of the water,
- Is reliably applied by the use of special welders,
- Is long-lasting,
- Displays a higher puncture strength,
- Is resistant to chemicals in drinking and potable water,
- Allows for welding control test.



polyplan

water retaining strips



Polyplan Water Retaining Strips are those plasticised PVC-based strips produced in conformity with TS 3078 standard. Polyplan Water Retaining Strips are used in the joints and dilatations in buildings to prevent any transformations which may occur in buildings which are exposed to horizontal and/or vertical actions due to different reasons and to provide water tightness.

BTM POLYPLAN PVC-BASED AUXILIARY PRODUCTS



INNER CORNER - OUTER CORNER COMPONENT:

These are 2mm-thick corner components compatible with PVC membranes. They are usually used to provide waterproofing of the PVC membrane at the intersections of horizontal and vertical structural components (reinforced concrete bridge floor + reinforced concrete column, reinforced concrete bridge floor + parapet wall, etc.).



WASHER:

This is a mechanical fastening component 8 cm in diameter which is compatible with PVC membranes. It is usually fastened to the surface at regular intervals on curtain concretes by using a nail gun, and PVC membrane is joined with these components by using a hot-air welder.



PVC LAMINATED LATH/BOARD:

It is formed by laminating a 500-1200µm-thick PVC membrane on a steel-alloyed metallic plate by using a special adhesive. This product which is usually used to suspend PVC membranes on a vertical plane is fastened to the surface by mechanical mounting (using a nail gun). PVC membrane is joined with these components by using a hot-air welder. It is produced by using a 2 m x 1 m plate or a 4 cm x 2 cm lath.

btm**shingle**

CE



decorative asphalt roofing shingles

CREATE YOUR OWN ROOF

btm shingle
Decorative roofing sheets

www.btmshingle.com

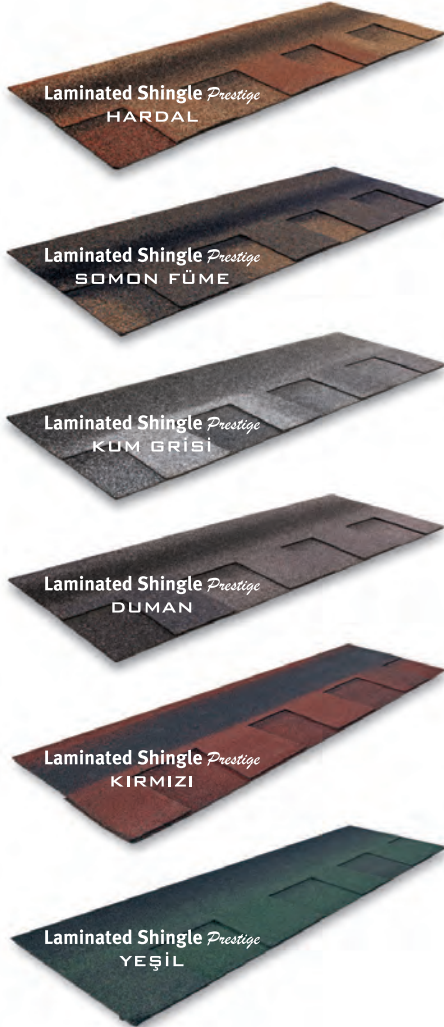
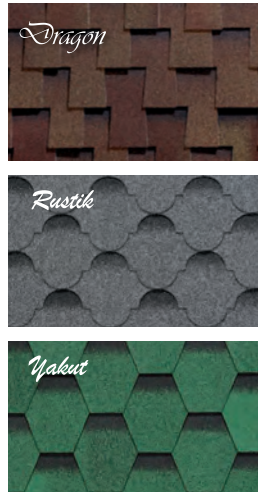
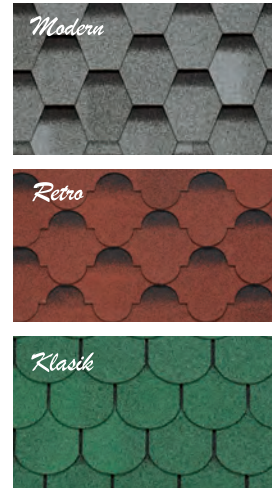


Yakut - Yeşil



Laminated - Kum Gri

Sun Flower Silivri Mansions

Laminated Products**Self-Adhesive Products****Classical Products****Galaxy Series Products**

BTM Laminated Shingle Prestige with strong fibreglass reinforcement and oxidised bitumen body brings about alternative solutions with its reflective mineral-coated surface in 6 attractive colours on sloping roofs and façades.



Shingle was first produced in Turkey in 1997 by BTM. In the initial years when it was first produced, Yaprak, Yonca and Petek models which have now become classic were offered to users and attracted a great attention.

It is necessary to peel off the removable plastic foil protecting the self-adhesive section and remove it from the shingle sheet during the application of the Dragon, Rustic and Ruby models. Thus, the adhesive section ensures full adherence on the sheets in the next lower row. Galaxy Classic model is applied with roofing shingle nails. Galaxy Modern and Retro models are self-adhesive applied with nails.

You may visit our website at www.btmshingle.com for our rich colour and model options.

“Create Your Own Roof” application allows the users to be able to cover any types of building roofs with the BTM Shingle in any model and colour of their choice. With this application, you will be able to cover the building’s roof with shingle sheets within seconds by easily making your choice from among rich model and colour alternatives. You may either choose the building’s outer façade colour suitable for the shingle colour model which you have chosen from among the frequently used ready-made façade colours or determine it by clicking in the colour palette. Thanks to the Create Your Own Roof application, it is now easier to make your mind...

Please visit our website at www.btmshingle.com to try the application.





Dragon - Bakır Kahve



Dragon - Kum Gri

Tuzla - İstanbul

BTM SHINGLE easily adapts to all sloping surfaces. In general, Shingle roof covering is used on roofs with more than 20% pitch. In cases where the slope is between 20% and 30%, 3mm-thick polyester felt membrane is applied on the decking. Shingle sheets are adhered on them with torch. In case the slope is more than 30%, under-Shingle cover is laid over the surface and application is carried out with special Shingle nails.

- It is waterproof.
- It is very practical and fast to apply.
- It is lightweight and does not impose any load on your roof.
- It is extremely resistant to wind.
- It has colours which match every building.
- It is decorative and its contoured lines are pleasant to the eye.
- It may be applied to any buildings, old or new.
- It maintains its decorative character for many years.
- It is long-lasting.

Self-Adhesive BTM Shingle Dragon:

BTM Shingle Dragon provides convenience in application thanks to its self-adhesive bottom surface. It confidently protects your roof for many years thanks to its strong adherence to the surface to which it is applied. BTM Shingle Dragon now adorns your roofs with its new colours.



BTM, which has the most model and colour options in the roofing material shingle in Turkey, has introduced the Dragon Flex model which it has produced of SBS-reinforced bitumen into its shingle product range. Named after its form like dragon teeth, the shingle product is of a self-adhesive nature. Creating a three dimensional effect on the roof it covers due to its shaded effect and thus giving the roof some depth, BTM Shingle Dragon Flex is a product which has a superior flexibility in regions with cold climate and in places located at higher altitudes thanks to the elastomeric bitumen it contains.

As Dragon Flex is SBS-reinforced, it differs from the classical shingle product. While its high flexibility and infrangibility ratio increases at a lower temperature, Dragon Flex adapts itself better to curvilinear surfaces and to any details which require bent installation. As its bottom surface is self-adhesive, it is easily applied. Dragon Flex, which you may confidently choose thanks to its light weight which does not impose any load on the building, is of the Broof fire class as well.

Advantages:

- It is flexible.
- It easily adapts itself to curvilinear surfaces and difficult details.
- It displays a superior performance in regions of cold climate and in places located at higher altitudes.
- It is water-impermeable.
- It is extremely easy to apply.
- It provides extra convenience and strength as it is self-adhesive.
- It offers an appearance far different from the usual roof appearances with its variable geometry.
- It provides buildings with roof surfaces with its three dimensional effect.
- It does not impose any load on roofs thanks to its light weight.
- It is extremely strong against wind thanks to its full-adherence property.
- It is long lasting.
- It is resistant to UV rays.

cool roofs



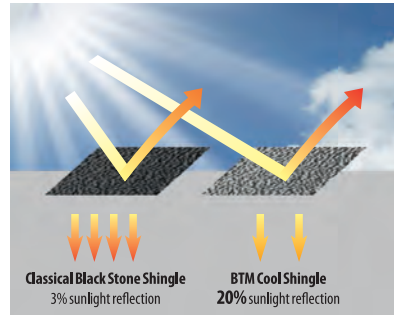
Cool Shingle

Sun Flower Mansions - Silivri

COOL SHINGLE



COOL SHINGLE PLUS



It is required to peel off the removable plastic foil protecting the self-adhesive section and remove it from the shingle sheet during the application of the BTM Cool Shingle models. Thus, the adhesive section ensures full adherence on the sheets in the next lower row.

BTM Cool Shingle is environmentally friendly, cost-effective, comfortable and economical. Your roofs are now cooler in summer heat thanks to its light reflecting property. With BTM Cool Shingle, less energy is consumed to cool down your buildings; less energy consumption means less environmental contamination and efficient use of resources.

In hot summer days, buildings covered with BTM Cool Shingle need less cooling energy.

- Surface temperature on roofs covered with BTM Cool Shingle is lower as compared to the temperature on classical dark coloured roof surfaces in sunny hot summer days.
- On roofs covered with BTM Cool Shingle, it reduces the heat island effect occurring in cities as the amount of heat going into the outer environment out of the roof reduces.
- As less energy shall be consumed to cool down the buildings, less energy, and thereby less power plant emission, is generated by electric power plants. And this means reduction in environmental contamination.
- As the roofs covered with BTM Cool Shingle accumulate less heat, they contribute to slower warming of the earth's surface and thereby slower occurrence of climatic change.

BTM SHINGLE SUPPLEMENTARY MATERIALS AND ACCESSORIES



Shingle Starting Strip

Starting strips offered to consumers in a ready-made state is used in forming the initial row in shingle application. As it is offered in a ready-made state, it saves time and labour.



Shingle Ready Roof Ridge Component

Formation of the ridges of the shingle-covered roofs may be rapidly performed with Shingle Ready Roof Ridge components.

A flawless, standard and smooth roof ridge line is possible with ready roof ridge components.



Large-Headed Galvanised Nail

BTM Shingle Nail is launched in 2kg boxes. An approximate roof area of 24 m² may be covered with BTM Shingle Nails. Large headed nails are galvanised.



ELT 400 (Elastopast)

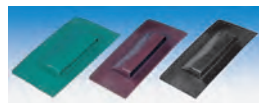
Cold-applied elastomeric bituminous adhesive Elastopast is a flexible product which is used in adhering shingles or filling horizontal/vertical joints and which displays strong adhering properties.



BTM Poliroof SA MB Roof Ridge Tape

Poliroof SA MB offers rich detail solutions for shingle-covered roofs. Offering permanent, practical and economical solutions in such details as roof ridge, gable wall, hip wall,

chimney flashing, eaves plate covering, Poliroof SA MB is coated with colour shingle stone and has a polyester felt-reinforced and self-adhesive bitumen layer.



Shingle Ventilation Shafts

Moist air reduces the life of our roof.

In order to prevent moist air from remaining under the roof, good ventilation must be provided on all roofs. Attention must be paid that air ingress shall be via gutters and air egress via the roof surface or ridges.



Shingle Drip Edge Profile

Hoodmold profile is used to safely remove the rain water from your roof and prevent it from damaging the roof sub-construction and façade.

SC 2000 shingle underlayment



An alternative covering material for sloping roofs, asphalt shingle has embodied such superior properties as functionality, aesthetic, light weight, long life, infrangibility, etc. Shingle-covered roofs provide water tightness for many years. In cases where the roof has a lower slope or where the roof to be covered is located in snowy and cold climate, a long lasting, non-drooping, membrane suitable for sloping roofs and mechanical fastening, which does not slip when treading thereon must be laid over the flagstones prior to shingle application. This product is "BTM Shingle Underlayment".

An oxidised bituminous waterproofing membrane, SC2000 Shingle Underlayment is used for waterproofing purposes under the sloping roof covering materials (shingle, etc.). Coated with fine sand on one side and polyethylene film on the other or both sides with PE film, SC2000 Shingle Underlayment is launched in 1 metre wide and 15 metres long fibreglass-reinforced rolls with a weight of 27 kg/roll on average. BTM Shingle Underlayment must be protected against direct sunlight and vertically stored in enclosed spaces.



Şato Ayasaranda Hotel Çeşme - İzmir



Sakra Park Apartments - Yalova

BTM Optigreen for a greener and more environmentally friendly world...

Greening of roofs, i.e. formation of garden roofs provides us human beings with a great many advantages in a direct and indirect way: a better and lovelier environment, spaces worth living in and protection and enhancement of the value of our buildings as well. In this way, we may return to the nature part of what we have taken from it. Independent of the type and mode of use of greening, each square metre of garden roofs keeps a piece of "future" for us.

BTM Optigreen, as a system and brand, represents the concepts of quality, performance and service. Using natural and environmentally friendly materials, we also contribute to the protection of natural resources. Considering to use the local soil characteristics, we support a roof greening as close to natural environment as possible.

What is a green roof?

It is the creation of an environment of natural roof gardens comprised of green plants and flowers through a correct insulation operation instead of such products as pebbles, marble, ceramic, etc. which are the classical covering of terrace roofs. In simpler words, it is a roof planted on optional basis. This area may be the top of a car park or the upper terrace of a place which contain living spaces.

Advantages:

- A long insulation life • Acoustic insulation • Dust absorption • A superior water storage and draining performance • Protection of buildings in heavy rainfall • Creation of a natural habitat for all living creatures • Reduction of micro climate heat island effect.

BTM Optigreen System Components



BTM Optigreen System Filter - Type 105
It prevents small particles in the soil layer on top of it from passing through, thus hindering the formation of mud and sediment in the draining system. Thus, it ensures a high water permeability.



BTM Optigreen Draining Component Type FKD 25 (25mm)
• It ensures rapid removal of excess water.
• It prevents water from accumulating on flat roofs and at long draining distances.
• It offers a high draining capacity with little weight.



BTM Optigreen Protective and Keeping Membrane - Type RMS 300/500
It protects BTM Botanic waterproofing membrane resistant to plant roots and keeps water.



BTM Botanic Bituminous Waterproofing Membrane Resistant to Plant Roots
Polyester felt-reinforced, PE (polyethylene) film coated, flexible waterproofing membrane which is resistant to plant roots and which is produced of bitumen modified by SBS (styrene-butadiene-styrene).



plant root-resistant polymer bituminous waterproofing membrane



Mesa Terrace Houses - Istanbul



Renaissance Business Centre - Istanbul

Choosing materials by details is very important in bituminous waterproofing materials. For instance, you may not use a material with a lower strength on speedway bridges. Otherwise, insulation material is easily torn apart by the impacts of acceleration and deceleration of tens of tons of vehicles and loses all its functionality. Or you may not use mineral-free membranes if the insulation material shall not be covered. Otherwise, ultraviolet rays of the sun will reduce the life of the membrane.

BTM Botanic is a product designed to be suitable for the details of garden terraces and roofs. In our cities that have turned into heaps of concrete, a great number of terraces are now designed as or afterwards converted into roof gardens in order to both providing green fields and be able to preserve the natural stability. The most critical point in the waterproofing of garden roofs is the possibility of the insulation membrane to be damaged by plant roots. BTM Botanic completely eliminates this possibility and does not allow plant roots to come closer to the insulation layer thanks to its special formulation.

BITUMINOUS WATERPROOFING MEMBRANE FOR GREEN ROOFS

	Membranes	Roll Size	Roll/Pallet
POLYESTER FELT-REINFORCED	BOTANİK PP 3000*	1x10 m	35 rolls
	BOTANİK PP 4000*	1x10 m	25 rolls
	BOTANİK PE 3*	1x10 m	35 rolls
	BOTANİK PE 4**	1x10 m	25 rolls

** Tested and certified in compliance with TS EN ISO 13948 (Waterproofing- Flexible sheets-Bituminous, plastic and rubber sheets used for waterproofing on roofs-Determination of resistance to the penetration of plant roots) standard.

* Plant roots impermeability test has been applied in compliance with DIN 4062 standard.



Fields of use not being limited to garden roofs only, Botanic is used in outer tanking foundation waterproofing and waterproofing of foundation curtain walls; briefly, in all insulation details which may be in contact with soil.



Corrubit is a corrugated bituminous sheet produced to apply on sloping roofs of steel, reinforced concrete and wood construction. Corrubit sheets may be preferably used on vertical surfaces and façades as well.

Product specifications

It is a bituminous corrugated roof sheet 0,93m wide and 2,00m long which may be easily applied on the recently-constructed sloping roofs or over the existing roof covering for renewal purposes, which is made from organic fibres, which does not contain asbestos and environmentally harmful substances, which has a high resistance and mechanical strength and which does not corrode. Corrubit is produced not to take water in its composition. It is produced in black, red and green. Corrubit is not affected by thermal differences and resistant to frost and snow.

Corrubit sheets are applied on purlins at sloping roofs with steel and wooden construction; and directly on the panels or covering or on purlins at sloping reinforced concrete or light concrete roof panels. Application details may be solved in different alternative, i.e. with or without thermal insulation. The direction of laying the sheets on the roof must be opposite to the prevailing wind direction. On condition that the purlin distances are reduced, the minimum slope on which Corrubit sheets may be applied is 10% but the recommended roof slope is 30 percent.

During the storage at the work site before application, the sheets must not be removed from their protective wrappings nor stored in wet conditions. They must not be unwrapped until the application to be made.

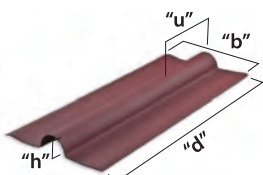


Advantages

- It is firm, lightweight and does not impose any load on the building in terms of seismic safety.
- It may be easily processed and is so practical and economical in new buildings and on those roofs which require renewing.
- It is waterproof, does not accommodate humidity nor mould.
- It is recyclable and environmentally friendly.
- It is resistant to UV and chemicals in the atmosphere and strong against frost and icing.
- It is flexible and may be used on curvilinear surfaces.
- It is reliably used on such different roof constructions as wood, steel, reinforced concrete, etc.

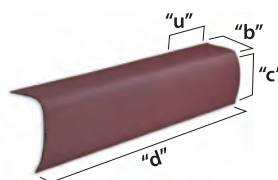
Roof Ridge Accessories

Sheet length "d" distance	mm	1000 - 2000
"b" distance "u"	mm	450 ±10
Overlapping distance "u"	mm	140
Peak Point "h"	mm	50



Roof Ridge Accessories

Sheet "b" distance	mm	130
Sheet "c" distance	mm	200
Length "d" distance	mm	1000 - 2000
Overlapping distance	mm	100





self-adhesive waterproofing tapes



Being water-tight and steam-tight, BTM Bitüself and BTM Bitüself Star maintain their adherence and water tightness in wet spaces as well. Due to their flexibility, they are easily used on any surface form (flat or curvilinear) and easily adapt to the form of the surface to which it is applied. As it is aluminium-plated on the outer side, it is not affected by harmful ultraviolet rays of the sun. As it is self-adhesive, it may also be applied to such materials as wood and plastic which are not resistant to high temperature. As it is made from SBS (synthetic rubber)-based bitumen, it maintains its flexibility in every climatic region; and it does not crack nor disintegrate.



Prevention of noise and vibration in cars

BTM Bitüself waterproofing tape is a product which has so wide an area of use. It may be used as a supplement on the roofs of buildings, around the skylights, chimney flashing, in such places as rain gutters and downspouts. It is also used in such wet spaces as bathrooms and restrooms. Further, it is a product in great demand in the sealing of hatch covers on cargo ships, in the repair of construction containers and even in the prevention of noise and vibration in cars.

Land vehicles



- Buffer repairs
- Protection of the inner side of a mudguard
- Footboard repairs
- Protection and repair of the inner sides of doors
- Window edge repairs
- Vehicle body repairs
- Noise and vibration prevention

Sea vessels



- Ventilation windows
- Fibre and polyester components
- Glass borders
- Parapets and metallic components
- Containers
- Sealing of cargo ship hatch covers

Exteriors of buildings



- Roof and chimney edges
- Skylights and ventilation shafts
- Rain gutters
- Pergola splices
- Rain draining systems
- Protection of underground pipes

Wet spaces



- Floor insulation
- Bathtub repairs
- Washbasin outlet pipes
- Sanitary installation pipes
- Ventilation ducts



multi-purpose self-adhesive waterproofing tape (aluminium foil covered)



BTM Bitüself and BTM Bitüself STAR are extremely easy to apply. Make the area to which you want to apply the tape clean and dry. Sufficiently peel off the tape under the Bitüself roll. Smoothly stick the adhesive section to the area where it shall be used. Use a roller over it or flush and press it.



polpan®

XPS extruded polystyrene thermal insulation sheets



By laying such materials as gravel, tile or concrete on the Polpan thermal insulation sheets laid on top of waterproofing membranes, the wind should be prevented from removing the thermal insulation sheets or the water from floating the thermal insulation sheets. Weight of gravel, tile or concrete must be taken into consideration in the static calculations of the roof. Sheets should be laid in a checker manner and not to allow any clearances between the joints.

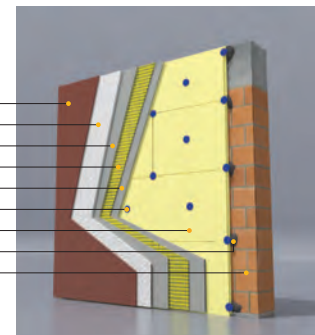
- Costs of heating and cooling are substantially reduced by thermal insulation.
- Cold spots in the building and on the walls are prevented, thus obtaining a homogeneous temperature and comfort.
- Heat variances occurring on the outer shell may cause tensions and ruptures equal to tons of load. The outer shell and constructional components of those thermally-insulated buildings are protected against such great tensions and the destructive effect of moisture.
- Concentration is prevented in the constructional components.
- Economy is made in energy and operating costs in heating and cooling. Accordingly, contribution is made to the reduction of air pollution.
- Costs of initial investment reduce as heating and cooling devices and fittings of smaller capacity shall be used in accordance with the loss and gain of heat in a heat-insulated building.
- Limited energy sources are ensured to be used in a more productive manner and more energy sources are left to future generations as less energy shall be consumed in heating and cooling in a thermally-insulated building.

btm plus

exterior thermal insulation system

In this system, wall-type Polpan sheets are mounted on the wall surface with organic polymer-added cement-based adhesive mortar (Fix 110) and 6 thermal insulation system dowels with plastic nails per square meter. Plaster is applied on it along with organic polymer-added thermal insulation sheet plastering mortar (Siva 210) and glass-fibre mesh. Then cement-, acrylic- or silicon-based decorative top-coat material is applied. And finally, outer façade paint not containing solvent is applied.

- Outer Façade Paint
- (Deco 510) Decorative Top-Coat
- (Siva 210) Thermal Insulation Sheet Plastering Mortar
- Glass-fibre Mesh
- (Siva 210) Thermal Insulation Sheet Plastering Mortar
- Dowel with Plastic Nail
- Polpan
- (Fix 110) Adhesive Mortar
- Building Wall



POLPAN (TS EN 13164) PRODUCT SPECIFICATIONS

SPECIFICATIONS		METHOD	UNIT	POLPAN 150		POLPAN 200		POLPAN 300	
Place of Use		-	-	Roof-Floor Type	Wall Type	Roof-Floor Type	Wall Type	Roof-Floor Type	Wall Type
Surface Form		-	-	Even	Uneven, Uneven grooved	Even	Uneven, Uneven grooved	Even	Uneven, Uneven grooved
Heat Conductivity (at 10 °C) λ _{90/90}	Ek-C EN12667		W/m ² K	Max. 0,035 W/mK					
Compression Strength	EN 826		kPa	≥ 150 kPa CS(10/Y)100		≥ 200 kPa CS(10/Y)200		≥ 300 kPa CS(10/Y)300	
Long Term Water Absorption through Full Submersion	EN 12087		%	WL(T)0,7	WL(T)1,5	WL(T)0,7	WL(T)1,5	WL(T)0,7	WL(T)1,5
Deformation Class under Certain Compressive Load & Temperature Conditions	EN 1604		%	DLT(1)5 and DLT(2)5					
Fire Resistance	EN 13501-1		-	E					
Freeze-Thaw Resistance	EN 12091		%	FT2					
Dimensions	Width	EN 822	mm	600 ± 8 mm					
	Length		mm	1250 ± 10 mm					

* Data provided above are of general specifications. Please ask help from our company form detailed information.



btm[®]ustam
quality is in skilled hands

What is BTM Master Builder Club?

BTM Master Builder Club is a Master Builder friendly club which makes master builders win points when they use BTM products and which ensures them to have innumerable gift options with those points. BTM has brought the Master Builder Club into being not only to give gifts to master builders who are members of the club in return for points but to build an association with the Master Builder and BTM. Those who are members to the BTM Master Builder Club may attend those application trainings to be organised by BTM, shall be first informed of any seasonal sales and shall be the first to hear of our new products.

And that is not all...

Creating surprise opportunities which shall lend some colour to the life of master builders, BTM shall cause them to have discounts at various stores and e-bays, free call packages, discounts at gas stations and a great many more surprises from time to time.

Master builders who would like to have a BTM Master Builder Card; it is very easy to be included into the BTM Master Builder Club system!

- You immediately start winning points by filing an application with the BTM Master Builder points,
- Completing the application form on the website **www.btmustam.com** (your card shall be sent to address and you start winning points once you have taken delivery of your card.)

Once you have become a member, you will be able to take one of the starting gifts at your initial shop

You will win points as you do shopping and you will either collect the points or spend them. Take a look at innumerable options of gifts and enjoy the privilege of being a member to the BTM Master Builder Club.



btm® Bituminous Waterproofing Materials Inc.

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