


Ready to
improve your
construction

Solutions that improve life





Ready to
improve your
construction



Macit TANYOL

Civil Engineer

**We, as
İstanbul Teknik
family, believe that:**

Everyone can make a small contribution to improving the lives of all humanity with the works that they do, the products that they manufacture and the solutions that they develop.

This process, which starts with not only doing your work excellently, but also aiming to achieve excellence, will further grow, surpassing the national borders and spreading to the whole world one day with the efforts to achieve better and higher quality.

Our motto “To Improve Life”, which we adopted when we started our corporate operations 24 years ago, has now turned into a corporate commitment for us. A commitment that we will never forget, that we will always take responsibility for and that we will present to you in every product we manufacture and in every solution and service we develop...

I hope that the new breakthroughs to be achieved by İstanbul Teknik and to be constantly presented to you will also improve your life...

About Us

İstanbul Teknik is a building material production, sale, engineering solutions and applications company founded in 1998 with 100% Turkish capital. It is also the first and the largest geogrid producer in Turkey and is a member of the International Geosynthetics Society (IGS).

With its wide range of products, İstanbul Teknik provides services in the fields of Marble, Asphalt, Landscaping Geosynthetics. It offers unique solutions for each customer through its engineers and specialized employees. It has achieved many FIRSs and BESTs with the products, solutions and applications developed by it.

In 2019, the Company became an authorized R&D Center in the field of Geosynthetics and Asphalt Additives based on the approval of the Turkish Ministry of Industry and Trade. İstanbul Teknik, which was ranked as one of the top 500 companies in the year it was founded thanks to its R&D investments, is in the league of giant corporations with its increased investments every year, the cooperation that it jointly conducts with universities and international research organizations and its scientific publications. Our R&D Center aims to contribute to the economy by presenting innovative solutions for our sector and for our country, with our scientific researches on geosynthetics and asphalt additives.

İstanbul Teknik has currently become a company that continuously develops new products and solutions in the fields of Geosynthetics, Asphalt Additives, Insulation Products and Marble Protectors, presents products that are used safely at 1.000 points in domestic market and in over 80 countries, and manufactures its products at its own factory equipped by modern technology on an area of 30.000 sqm in Bolu, and further maintains its leadership in the sector.



24 years

experience in geosynthetic product products and solutions and asphalt additives.



We are a production and engineering company founded in 1998 with

%100 Turkish capital.



We manufacture our products **at our factory** equipped by the state-of-art technology on an area of 30.000 sqm in Bolu Organized Industrial Zone.



We manufacture products in the fields of Geosynthetics, asphalt additives and plastic products. We are **leader** in Geogrid production.



With **42 experienced engineers,** we generate specialized solutions.



With our nationwide **1000 dealers,** we offer our products to the sector.



By exporting products and solutions to **over 80 countries,** we contribute to the Turkish economy.



Our products and solutions are safely used on **5 continents.**



We develop new products and solutions as the first Ministry-approved **R&D Center** in the fields of Geosynthetics and asphalt additives.



We maintain our operations in **11 main groups** by developing innovative products and engineering solutions.

We aim to improve life with every product we manufacture and every solution we develop.

We are pioneer in our sector.



Our First's

The first R&D Center in its sector approved by the Ministry of Industry and Technology.

The first and the largest knitted geogrid producer in Turkey.

The first asphalt anti-stripping additive producer in Turkey.

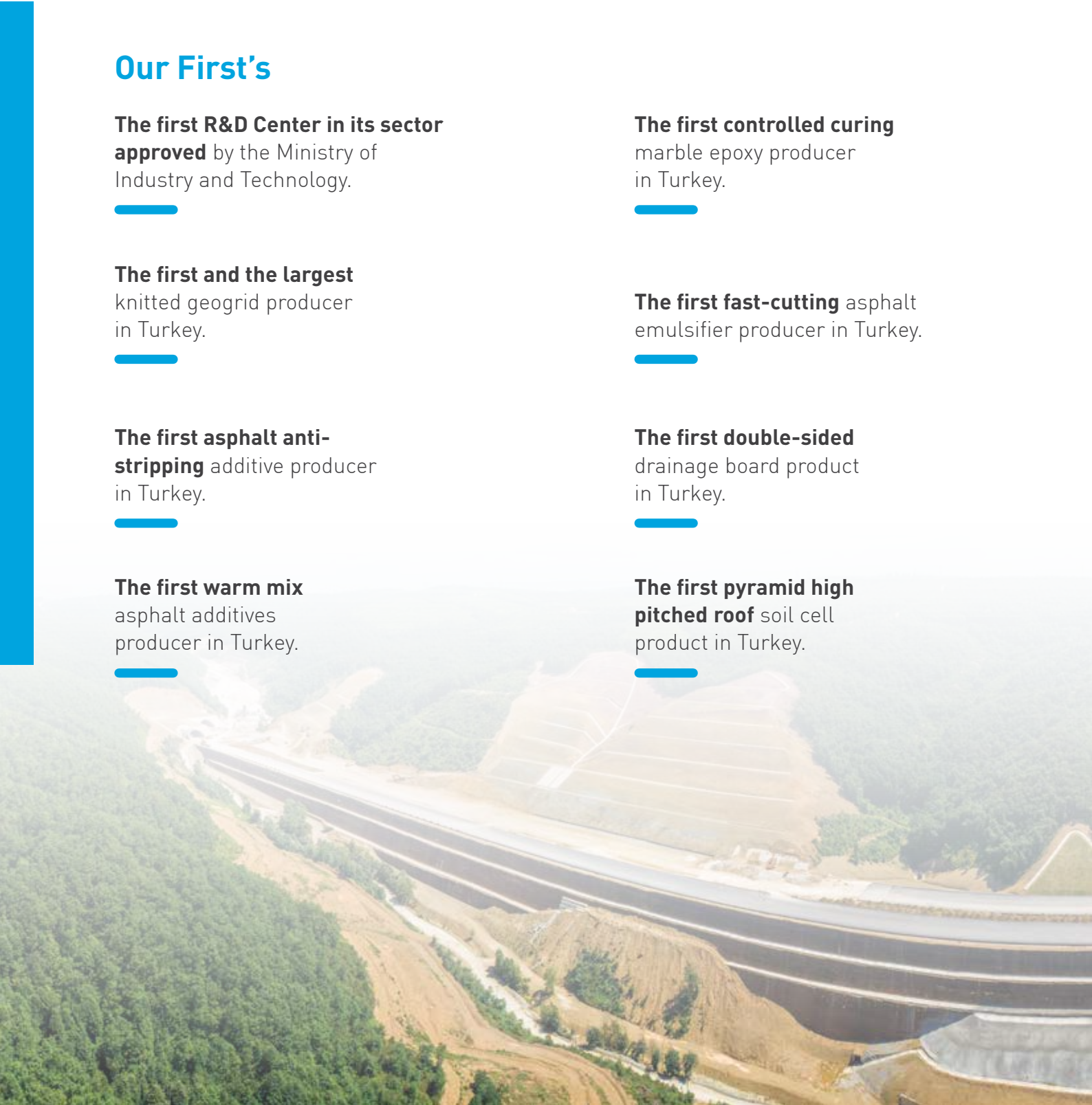
The first warm mix asphalt additives producer in Turkey.

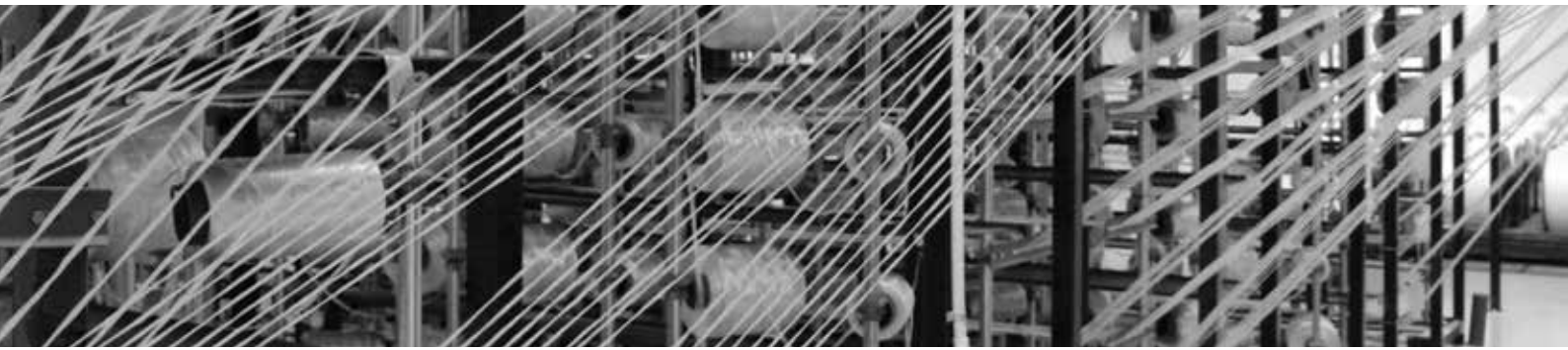
The first controlled curing marble epoxy producer in Turkey.

The first fast-cutting asphalt emulsifier producer in Turkey.

The first double-sided drainage board product in Turkey.

The first pyramid high pitched roof soil cell product in Turkey.





Our Best's

Ovit Tunnel as **the largest** insulation application with **800.000 sqm** in Turkey.

The most experienced geosynthetics company in Turkey with business volume of over **100.000.000 sqm.**

1400 m, Northern Marmara Highway as **the longest geogrid reinforced** retaining structure in Turkey.

The largest project design and technical service staff in the field of geosynthetics in Turkey.

42 m, Bartın Amasra Highway as **the highest geogrid reinforced** retaining structure in Turkey.



Our Fields of Activity



Products and Engineering Solutions



Our engineers, who are specialized in their fields, lead the sector by developing special engineering solutions for each project and need. That is why we have a history full of the First's and Best's. The feedback we get from our regular construction site visits and the identified needs are constantly reviewed; and with the efforts of our engineers, R&D department and production team, we create the right products and new engineering solutions that will move our industry forward.

Production



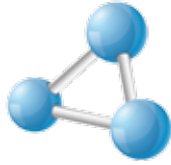
We mostly produce geosynthetics in our production complex founded on an area of 30.000 sqm at Bolu Organized Industrial Zone.

- Production of insulation boards fixing anchor
- Production of asphalt additive
- Production of marble epoxy and gels
- Production of Geogrid and Geocomposite
- Production of PVC plastisol
- Production of FiberCon micro and macro fiber
- FileTex marking and packaging





R&D Center



With our R&D center registered by the Ministry of Science, Industry and Technology of the Republic of Turkey, we develop products and engineering solutions that will respond to the ever-developing conditions and application needs. For this purpose, we cooperate with domestic and international partners.

Contracting Management



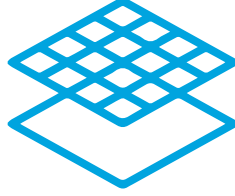
Istanbul Teknik's field teams have been working in the fields of GeoArme geogrid reinforced retaining walls, tunnel insulation, pond-canal-tank bottom insulation, insulation of solid waste and hazardous waste storage areas, slope erosion and rockfall solutions and applications in a reliable, cost-effective and fast way for many years. Our contracting teams incorporate the functions of project design, production, powerful supply, field application teams and R&D laboratory, and act as a solution partner by providing full support to its contractors.

Production



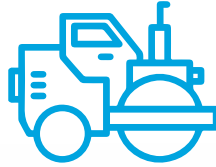
We conduct our production operations at our state-of-the-art factory founded on an area of 30.000 sqm in Bolu Organized Industrial Zone, and at Turkey's first and only two-stage modified bitumen emulsion plant founded in Çorum-Alaca.

Geogrids and Geocomposites

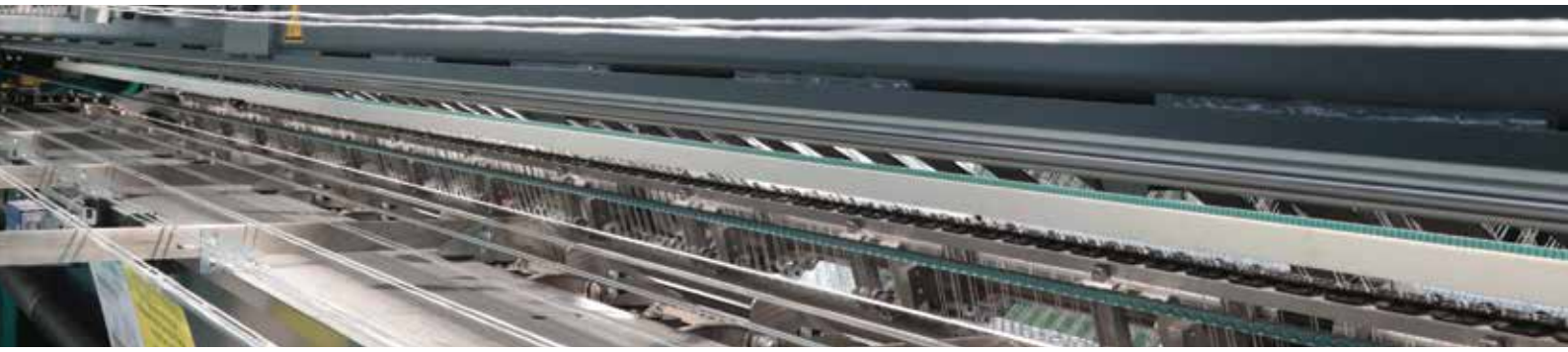


As Turkey's largest geogrid producer, we manufacture GeoMat erosion control products in addition to the ForTex and AsfaltTex geogrid at our Bolu facility.

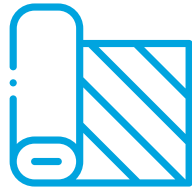
Asphalt Additives



We manufacture modified bitumen emulsion as well as additives that enhance workability, anti-stripping additives, cellulosic fiber additives, bitumen emulsifiers, bitumen rejuvenator additives, hot and cold applied fillers, cold asphalt patch additives, synthetic asphalt colorants and resin emulsion primers. With our extensive production of asphalt additives, we aim to transform the chemistry of asphalt in Turkey and to reduce Turkey's foreign dependency in the field of asphalt additives.

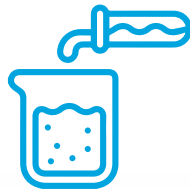


Plastic Products



We conduct the production of geomembranes made of HDPE and Polymer alloy raw materials as well as cellular filling system elements, drainage boards and heat insulation plate fixing anchors at our factory founded at Bolu Organized Industrial Zone.

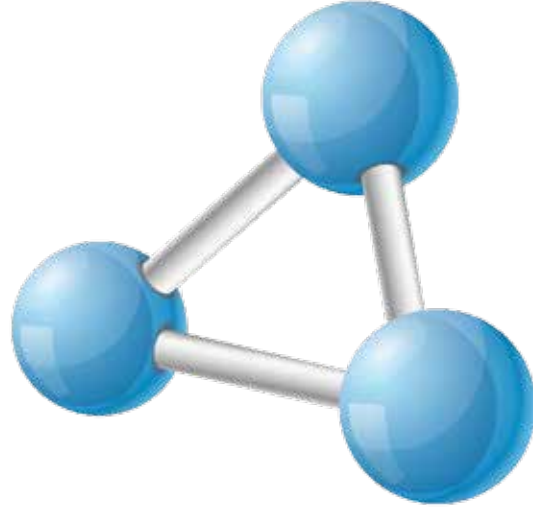
Epoxy Resin



We have been successfully manufacturing specialized products such as Marble Epoxy, Marble Block Bundling Gels and Marble Slab Gels developed by us as a result of our R&D activities for the marble and natural stone processing industry.

**We are leader in geosynthetics
production in Turkey**

R&D Center



Turkey's first and only R&D center in the fields of Geosynthetics, Asphalt Additives and Marble Protectors.

Ministry-Approved

İstanbul Teknik İnşaat has determined its corporate strategy as domestic/national production in the geosynthetics and asphalt sectors. Accordingly, it aims to develop domestic alternatives for import-dependent product and also to introduce new product groups that are unique to our sector. With the works conducted to achieve this vision, the "R&D Center" of İstanbul Teknik İnşaat was registered by the Ministry of Industry and Technology of the Republic of Turkey on January 16, 2019.

Our R&D Center is the first and only R&D Center certified in the field of Geosynthetics and Asphalt Additive Products.

Our R&D Center, which participates in congresses and seminars with its academic publications, cooperates with domestic/foreign universities, industrial companies and research centers, and also conducts its intense activities in the support platforms such as TUBITAK, KOSGEB, Horizon Europe and Eureka etc.

The general vision of our organization, which is among the leading companies in the production of asphalt chemicals, marble, insulation, geogrid, anchors and green roof drainage boards in our country, particularly in the Highways and Construction products group, in terms of its R&D activities is to develop the products, which are not or manufactured less in our country and which increase dependence on imports, through domestic engineering studies and original formulas to increase competitiveness in global markets.





Our Projects

Our R&D Center, whose main purpose is to create new products with high added value to meet the expectations of the sector, conducts its studies with local and international cooperation partners, and yields the positive results of these studies.

Concentrating its studies mainly on energy efficiency, geosynthetics and asphalt additives since its foundation in 2019, our R&D Center has developed many products as a result of the projects it has created both by using its own means and together with the other players in the sector. It also continues its industrial rights acquisition activities to protect these products.

Since the registration of our R&D Center:

Completed Projects: 20 R&D Center Projects, 2 TEYDEB 1501 Projects, 1 KOSGEB R&D and Innovation Project

Ongoing Projects: 8 R&D Center Projects, 2 TEYDEB 1501 Projects, 1 Newton Katip Çelebi Academy-Industry Fund

Industrial Property Rights: 2 Patent Applications, 45 Registered Trademarks

Academic Studies: 1 SCI-E publication, 12 national papers, 5 international papers.

Our International and Academic Cooperation Partners



Our Specializations



Geosynthetics

These are Geogrid, geosynthetics reinforced wall, environmental protection, erosion control, solid waste storage, waste water storage, geotextile, asphalt reinforcement, membrane and geomembrane products for soil improvement and stabilization purposes.



GeoArme Reinforced Wall

GeoArme Retaining Structure Systems are the systems that offer robustness, quick application, cost efficiency and aesthetic appearance options that civil engineering requires for these construction systems.



Asphalt Additives

Asphalt additives consist of anti-strippers, modified bitumen additives, cellulosic fibers, asphalt emulsifiers, warm mix asphalt additives, crack fillers, cold asphalt patch additives and asphalt chemicals that are used in a wide range of areas.



GeoGreen Green Roof Systems

Green Roof Systems are the products that ensure greening of the roof gardens and car park tops. They are widely used on pitched roofs, car park tops, terrace roofs, terrace gardens, green terrace applications and greening spaces on traffic roads.





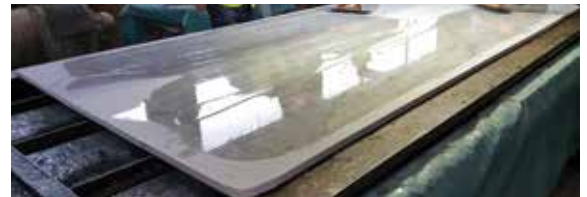
Water and Heat Insulation Products

For waterproofing; they cover roof and facade underlays, butyl tapes, wet area membranes, drainage boards, suspension pins and pressure lathes. For thermal insulation, they cover plaster and reinforcement meshes, fixing pins and insulating profiles.



Marble Strengthening Systems

Marble repair and strengthener products offer solutions for filling the pores on the surface of natural stones and marbles, repairing cracks and eliminating losses that may occur during treatment and transportation.

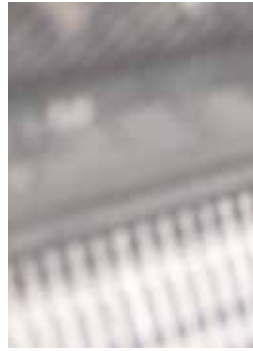


Concrete Reinforcement Fibers

Concrete Reinforcement Fibers are polymer-based concrete fibers that reduce contraction and shrinkage cracks of cement-based products, and enhance setting-melting, fire, impact and abrasion resistance.



Geosynthetics Products and Applications



Retaining Walls and Steep Slopes



Reinforced Asphalt



Stabilization



Erosion Control



Liquid and Solid Waste Storage



Tunnel Insulation





ForTex[®]

Bi-Axial Geogrids



ForTex[®]

Uni-Axial Geogrids



ForTex[®]

Geocomposites



GeoSeal[®]

PVC Geomembranes



GeoSeal[®]

VLDPE Geomembranes



GeoSeal[®]

HDPE Geomembranes



ForCell[®]

Erosion Control Products



ForCell[®]

Stabilization Products



ForCell[®]

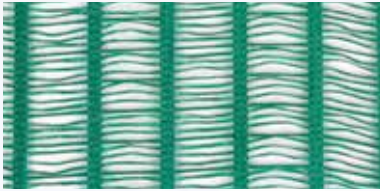
GeoArme Wall Products



Geosynthetics Products and Applications

✘ GeoMat®

ForTexMat



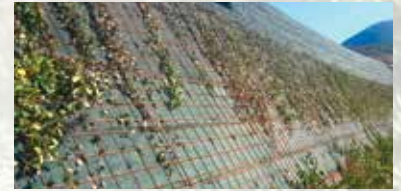
✘ GeoMat®

GeoMat PP



✘ GeoArme®

GeoArme



✘ AsfaltTex®

Asphalt Geogrids



✘ GeoTeknik®

GeoTeknik PP



✘ GeoTeknik®

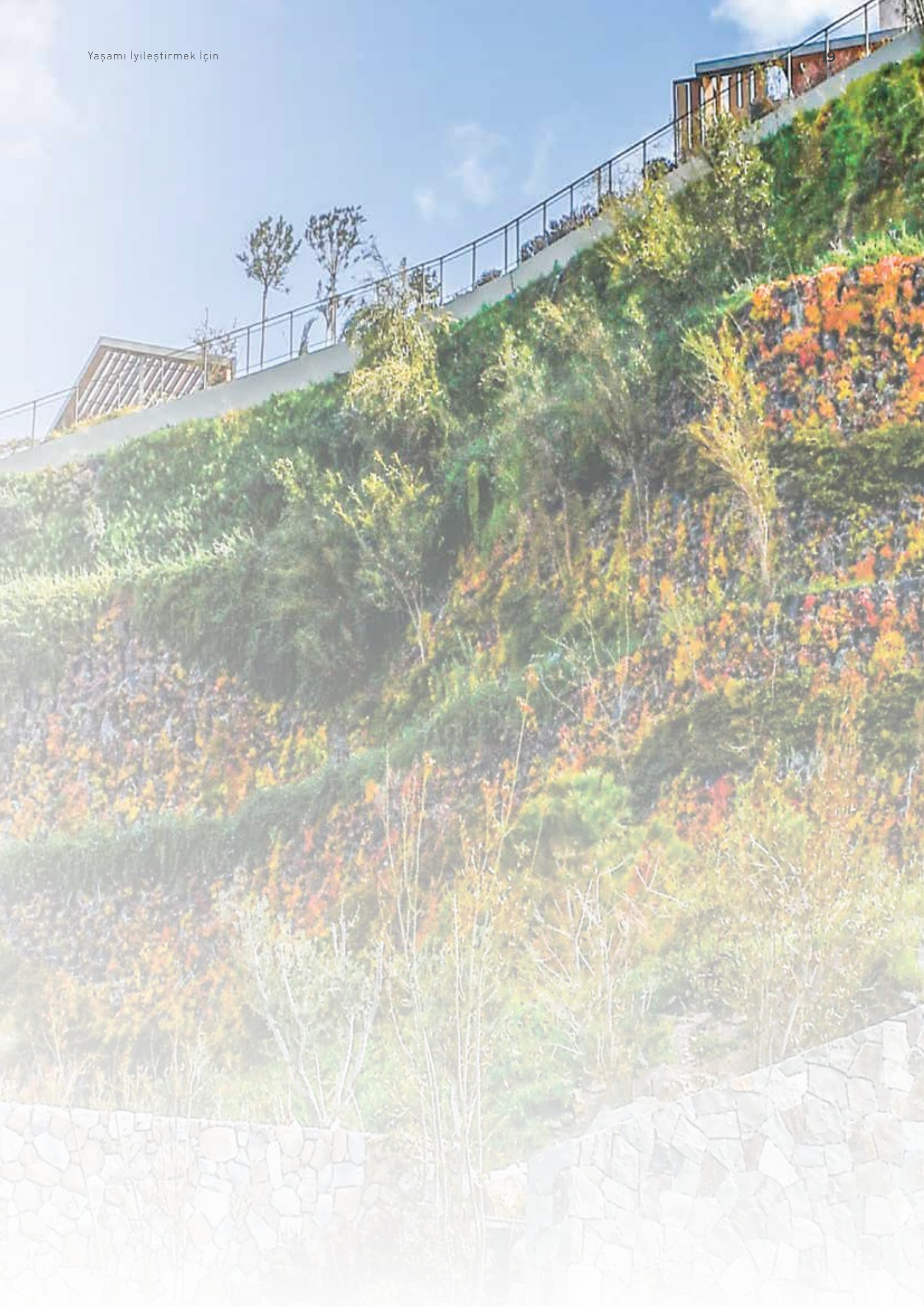
GeoTeknik PS



✘ İzoTeknik®

İzoteknik





Asphalt Solutions and Products



Asphalt Maintenance/Repair



Durable Surface Treatment and Protective Coating



Hot Mix Asphalt (BSK)



Stone Mastic Asphalt



Workability Increasing Asphalt (IKA)



Recycling of Asphalt



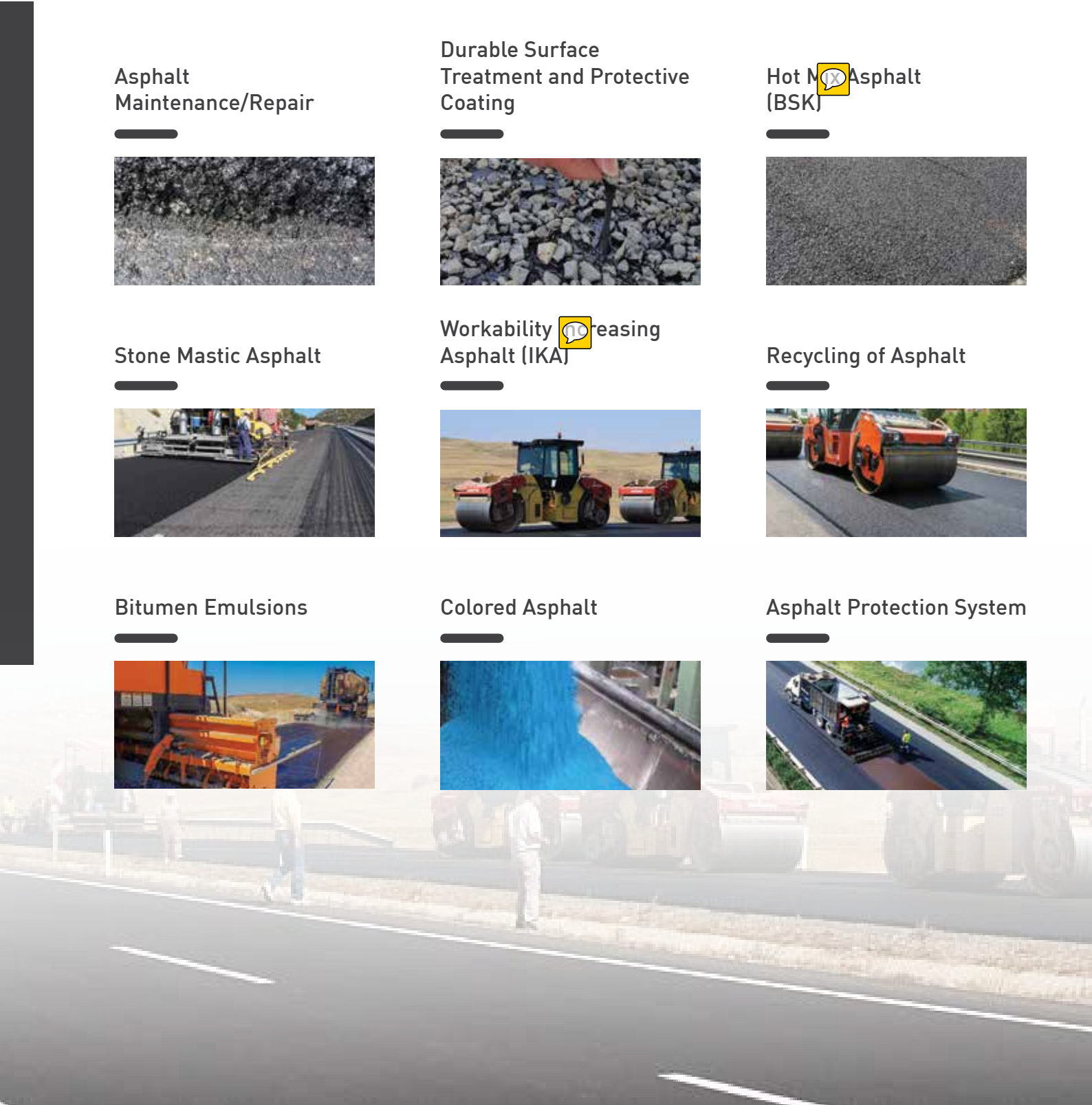
Bitumen Emulsions



Colored Asphalt



Asphalt Protection System





HiperCell[®]
Cellulosic Fiber Additive



Pawma[®]
Workability-Increasing Additive



NovaPrene[®]
SBS Based Polymer Modified Bitumen Additive



TeraMuls[®]
Bitumen Emulsifier



TeraGrip[®]
Anti-Stripping Agents



Rapiol[®]
Bitumen Rejuvenator Additive



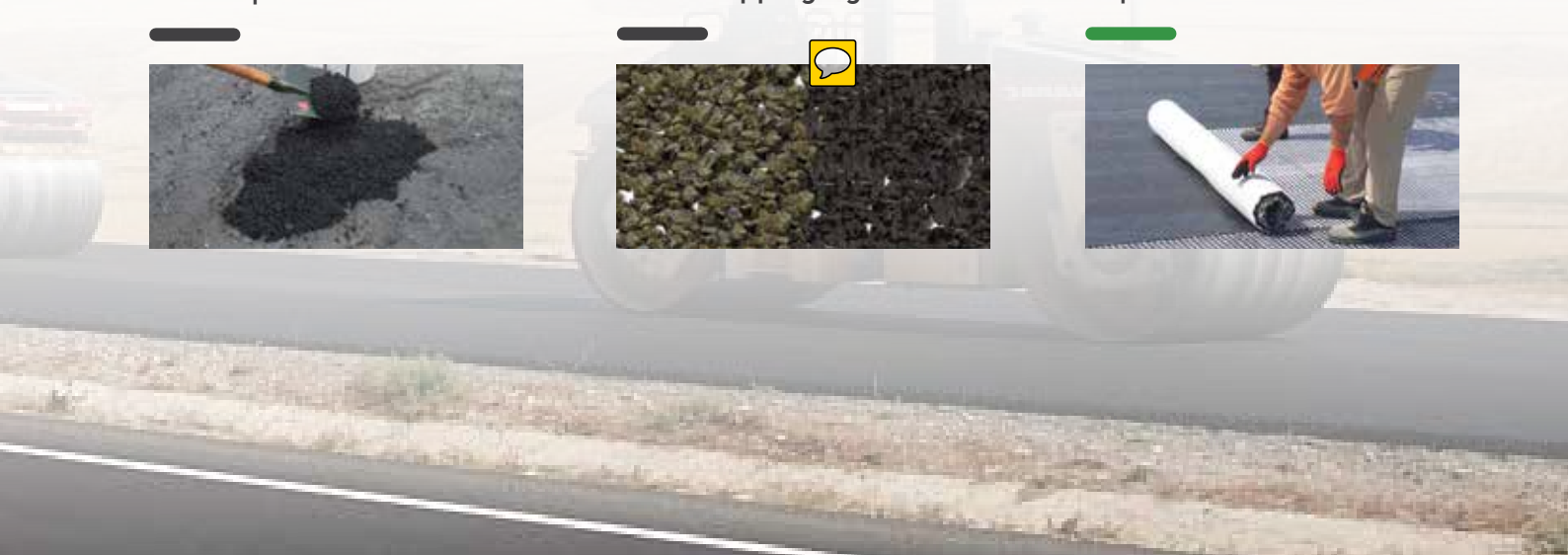
FluxerA[®]
Cold Asphalt Patch Additive



TeraGrip[®]
Anti-Stripping Agents



AsfaltTex[®]
Asphalt Reinforcement



Asphalt Solutions and Products

PrimerA[®]

Resin Emulsion Primer



HiperColor[®]

Synthetic Colored Asphalt



MikroJet[®]

Asphalt Protection System



FlexoDerz[®]

Hot Applied Joint Sealant





Insulation Solutions and Products



Sheathing



Facade Insulation



Roof Insulation



Foundation Insulation



Wet Area Insulation



GeoGreen Green Roof





TrioTex[®]
Roof and Facade Underlays



TekDrain[®]
Drainage Boards



FileTex[®]
Plaster and Reinforcement
Meshes



TekFix[®]
Fixing Elements



AquaLay[®]
Wet Area Membrane



ProfilEx[®]
Insulating Profiles



Prima[®]
Technical Tapes



Marble Solutions and Products



Epoxy-Based Marble Repair and Strengthener

 **Epoxlitt**[®]
Mega Epoxy



 **Epoxlitt**[®]
Ultra Epoxy



Marble Filler and Strengthener Gels

 **Epoxlitt**[®]
Pro Plate Gel



 **Epoxlitt**[®]
Transparent Gel



Marble Block Protection and Bundling Gels

 **Epoxlitt**[®]
Eco Block Bundling Gel



 **Epoxlitt**[®]
Pro Block Bundling Gel





 **FileTex[®]**

Marble Protective
Meshes



 **FileTex[®]**

Marble Block Protective
Meshes



 **FileTex[®]**

Marble Mosaic
Meshes



Sustainability



Respect for the Nature and Life

İstanbul Teknik aims to protect the nature and human health in all its activities. It intends to ensure continuous improvement by using natural resources effectively and economically at every stage of its activities from production to sales and shipment, to fully comply with laws, to reduce wastes at source and to separate and recycle them. It takes care of human health and social benefits in all processes.

With our “Zero Waste Project”, it is aimed to prevent or minimize the generation of wastes and to separate, collect and recycle the generated wastes.

The company maintains its activities based on the ISO-14001 Environmental Management System and OHSAS-18001 Occupational Health and Safety certificates, which are the most comprehensive and the most valid international standards in terms of requirements of the relevant national environmental and labor law regulations. It also aims to obtain the ISO 50001 Energy Management System Certificate in 2022.





Recyclable Products

While we take care to use recyclable products during the production phase without compromising on quality and standards, we also demonstrate the same care in the products we manufacture. In addition, we are happy that the products manufactured by us are used for purposes intended to protect the environment and nature, particularly in dump sites.

Low Carbon Footprint

We are trying to reduce our carbon footprint by taking measures to reduce fossil energy consumption from our production devices to our transportation vehicles and by continuously minimizing carbon emission energy consumption in our production facilities and all our businesses. As the entire İstanbul Teknik family, we operate with the awareness that this is our responsibility.

**Surely to
improve life**



Our Certificates



TS EN 13859-1



TS EN 13859-2



- ISO 9001:2015
- ISO 10002:2018
- ISO 14001:2015
- ISO 45001:2018





RightProduct
RightSolution

Ready to
improve your
construction

WE ARE IN SUCCESSFUL PROJECTS

WITH OUR CUSTOMER BASED PRODUCTS
AND ENGINEERING SOLUTIONS

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