


Ready to
improve your
construction

Right Product, Right Solution...





Ready to
improve your
construction



Macit TANYOL

Civil Engineer
General Manager

**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 25 years ago, has now turned into a corporate commitment for us. A commitment that we will never forget, commitments to always take responsibility for every product we manufacture every solution, and service we provide.

I hope that the new breakthroughs Istanbul Teknik achieved and present to you constantly will also improve your life...



About Us

Istanbul 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, Istanbul Teknik provides services in the fields of Marble, Asphalt, Landscaping, Insulation and Geosynthetics. It offers unique solutions for each customer through its engineers and specialized employees. It has achieved many FIRSTs 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.

Istanbul 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 our country, with our scientific research on geosynthetics and asphalt additives.

Istanbul Teknik has currently become a company that continuously develops new products and solutions in the fields of Geosynthetics, Asphalt Additives, Insulation Products, and Marble Products, presents products that are used safely at 1.000 points in the domestic market and over 80 countries, and manufactures its products at its 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 products and solutions and asphalt additives.



We are a production and engineering company founded in 1998 with **%100 Turkish** capital.



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



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



With **40 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 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 aim to improve life with every product we manufacture and every solution we develop.

We are pioneers in our sector.



Firsts

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 additive producer in Turkey.

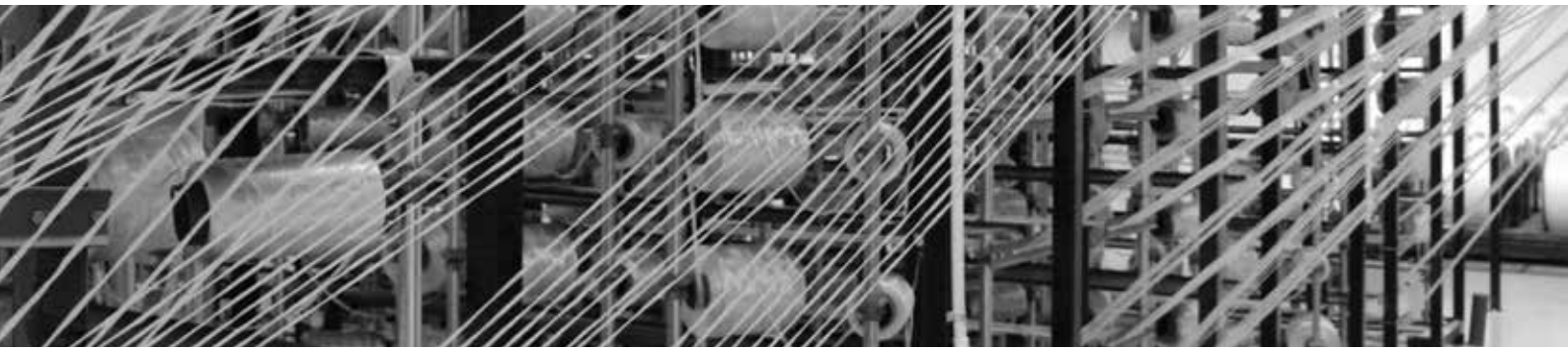
The first controlled curing marble epoxy producer in Turkey.

The first fast-cutting asphalt emulsifier producer in Turkey.

The first double-side dimpled drainage board product in Turkey.

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





Bests

The longest and the largest tunnel insulation applications in Turkey: **Zigana Tunnel of 900.000 sqm and Ovit Tunnel of 800.000 sqm.**

The most experienced geosynthetics company in Turkey with business volume of **over 200.000.000 sqm.**

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

The geogrid producer with **the highest production capacity** in Turkey.

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

The highest geogrid reinforced retaining structure in Turkey: above 50m

The most preferred green roof systems in Turkey.

The producer with the widest range of products in the field of geosynthetics in Turkey.



Our Fields of Activity

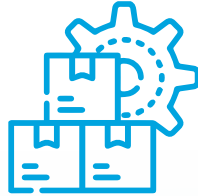


Products and Engineering Solutions



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 Firsts and Bests. 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

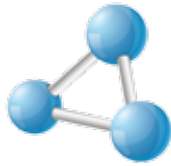


We produce Geogrid & Geocomposite, Geomembrane, GeoCell, Asphalt Chemicals, Asphalt Emulsifiers, Polymer Modified Bitumen, Cellulosic Fiber, Drainage & Green Roof, Insulation Fasteners, Epoxy and Bitumen-based insulation products on our specialized, state-of-the-art production lines at our complex, which is located on a total of 30.000 sqm area including 12.000 sqm indoor area in Bolu Organized Industrial Zone and which competes with domestic and foreign manufacturers.





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



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 control 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 act as solution partners by providing full support to its main contractors.

Production



Geogrids and Geocomposites



As Turkey's only domestic and highest capacity manufacturer, we produce knitted and woven type coated geogrids made of polyester and glass fiber yarns and geocomposites produced by sewing or adhered to the geotextile carrier in accordance with the needs of the projects. We can offer products in very wide range of strengths between 20kN/m and 800kN/m for our sector. We have the widest dimensional products and product range in the sector, with our products in widths of 5.25 m for coated products and 5.40 m for uncoated sewed products.

GeoCell



We can produce different product configurations from three-dimensional, honeycomb shaped PE and PE alloy raw materials, with welding distance between 250 mm and 880 mm and with cell wall height 75 mm and 300 mm, and 1.3 and 2 mm thickness. These products can be produced in different panel sizes and raw material characteristics according to the field of use such as erosion control, stabilization and wall front element. Also, they are produced with holes, without holes or with rope holes according to the application method for the purpose of ensuring the most convenient use.

Geomembrane

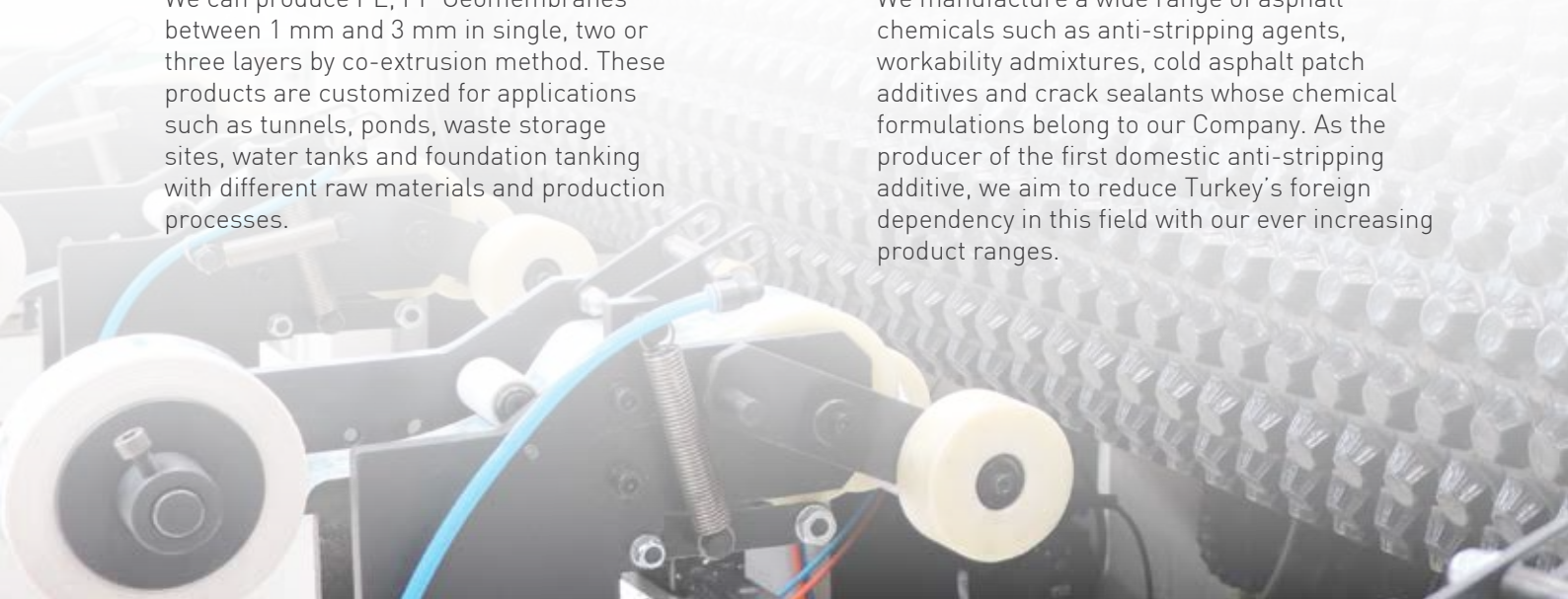


We can produce PE, PP Geomembranes between 1 mm and 3 mm in single, two or three layers by co-extrusion method. These products are customized for applications such as tunnels, ponds, waste storage sites, water tanks and foundation tanking with different raw materials and production processes.

Asphalt Chemicals



We manufacture a wide range of asphalt chemicals such as anti-stripping agents, workability admixtures, cold asphalt patch additives and crack sealants whose chemical formulations belong to our Company. As the producer of the first domestic anti-stripping additive, we aim to reduce Turkey's foreign dependency in this field with our ever increasing product ranges.



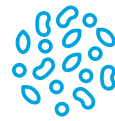


Asphalt Emulsions



With the emulsion facility founded by us in accordance with the latest technological developments, we can produce all emulsion types required in the highway and international specifications and their modified types with SBS or Latex. We provide ready-made bitumen emulsion services to projects without the need for an additional facility at the construction site. Polymer modified bitumen emulsions are indispensable products for surface treatment, protective surface treatment and Microjet applications.

Cellulosic Fiber



These products made of cellulose and used in stone mastic asphalt applications and prevent leaching are produced in accordance with international use specifications.

Polymer Modified Bitumen

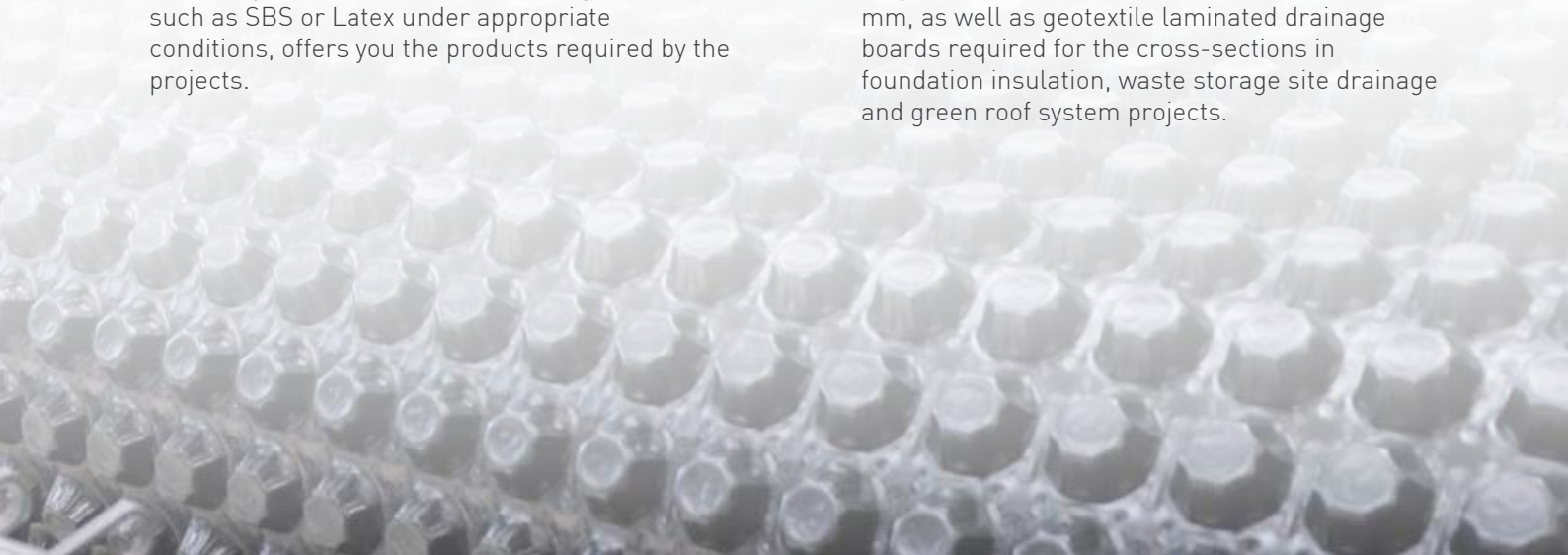


Our modified facility, developed with the latest technologies, which can mix modifying additives such as SBS or Latex under appropriate conditions, offers you the products required by the projects.

Drainage & Green Roof

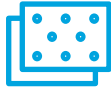


We also produce drainage boards with dimple height of 8 mm, 10 mm, 20 mm, 25 mm and 40 mm, as well as geotextile laminated drainage boards required for the cross-sections in foundation insulation, waste storage site drainage and green roof system projects.



Production

Insulation Fastener



For brick, aerated concrete blocks and concrete surfaces, which are the important elements for facade sheathing systems; we offer plastic or steel nailed fasteners that have different shank shapes and structures, for the leading sheathing system companies as their solution partner or for our projects and dealers under our own brand with highest quality.

Epoxy



For the marble and natural stone sector, we provide you block bundling gels, plate gels and marble strengthener epoxy resins for you. At our R&D Center, we specifically develop and present our epoxy and gel products, which are suitable for factory, climate and use conditions and which can be cured in different periods and meet the needs of producers excellently.

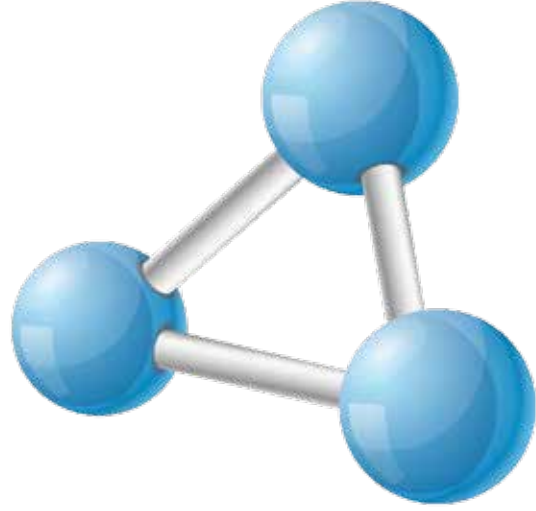
Bitumen-Based Insulation Products



Our bitumen modified facility also has sufficient capabilities and experience in the production of single or double component liquid insulation materials that are widely used in the insulation sector.



R&D Center



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

Ministry-Approved

Istanbul Teknik 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 products 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 Istanbul 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, Asphalt Additives, Marble Protectors

The general vision of our organization, which is among the leading companies in the production of asphalt chemicals, marble, insulation, geogrid, insulation fasteners, 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.

Our R&D Center mainly focusses on energy efficiency, geosynthetics and asphalt additives since established in 2019, 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, 1 EuroStar-3 Project

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



ISFALT



kiwa

Sustainability



Respect for the Nature and Life

Istanbul 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 waste storage sites.

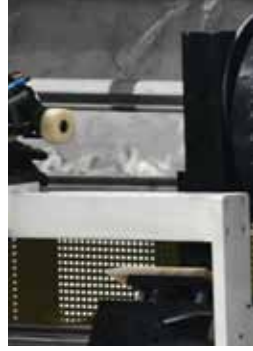
Low Carbon Footprint

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 entities. As the entire İstanbul Teknik family, we operate with the awareness that this is our responsibility.

**Surely to
improve life**



Our Specializations



Geosynthetics

This group includes geogrid, geomembrane, geotextile and asphalt reinforcement products used in soil improvement and stabilization, geosynthetic reinforced wall, environmental protection, erosion control, solid waste and liquid waste storage works.



GeoArme Reinforced Wall

GeoArme includes Geosynthetic reinforced retaining wall systems with durability, fast application, economy and aesthetic appearance options sought in civil engineering structures.



Asphalt Chemicals

Asphalt additives consist of anti-stripping agents, modified bitumen additives, cellulosic fibers, asphalt emulsifiers, warm mix asphalt additives, crack and joint sealants, 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 walking paths.





Water and Heat Insulation Products

For waterproofing; they cover roof and facade underlays, butyl tapes, wet volume membranes, drainage boards, fixing pins and fixing aluminum profiles. For thermal insulation; they cover plaster reinforcement meshes, fixing pins and facade sheathing profiles.



Marble Strengthening Systems

Marble repair and strengthening products; It offers solutions for filling the pores on the surface of natural stones and marbles, repairing cracks and eliminating losses that may occur during processing and transportation.

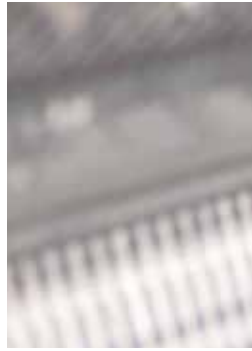


Concrete Reinforcement Fibers

Concrete Reinforcement Fibers; They are polymer-based concrete fibers that reduce shrinkage and shrinkage cracks of cement-based products, and improve freeze-thaw, 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[®]

X FLEX Geomembranes



※ GeoSeal[®]

X DURA Geomembranes



※ ForCell[®]

Erosion Control Products



※ ForCell[®]

Stabilization Products



※ ForCell[®]

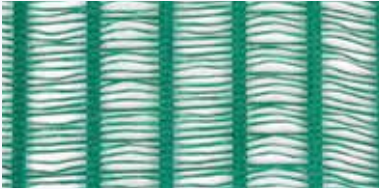
GeoArme Wall Products



Geosynthetics Products and Applications

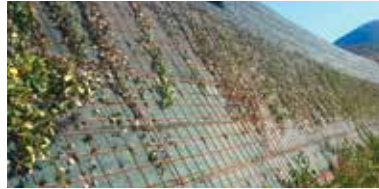
✘ GeoMat®

ForTexMat



✘ GeoArme®

GeoArme



✘ AsfaltTex®

Asphalt Geogrids



✘ GeoTeknik®

GeoTeknik PP



✘ GeoTeknik®

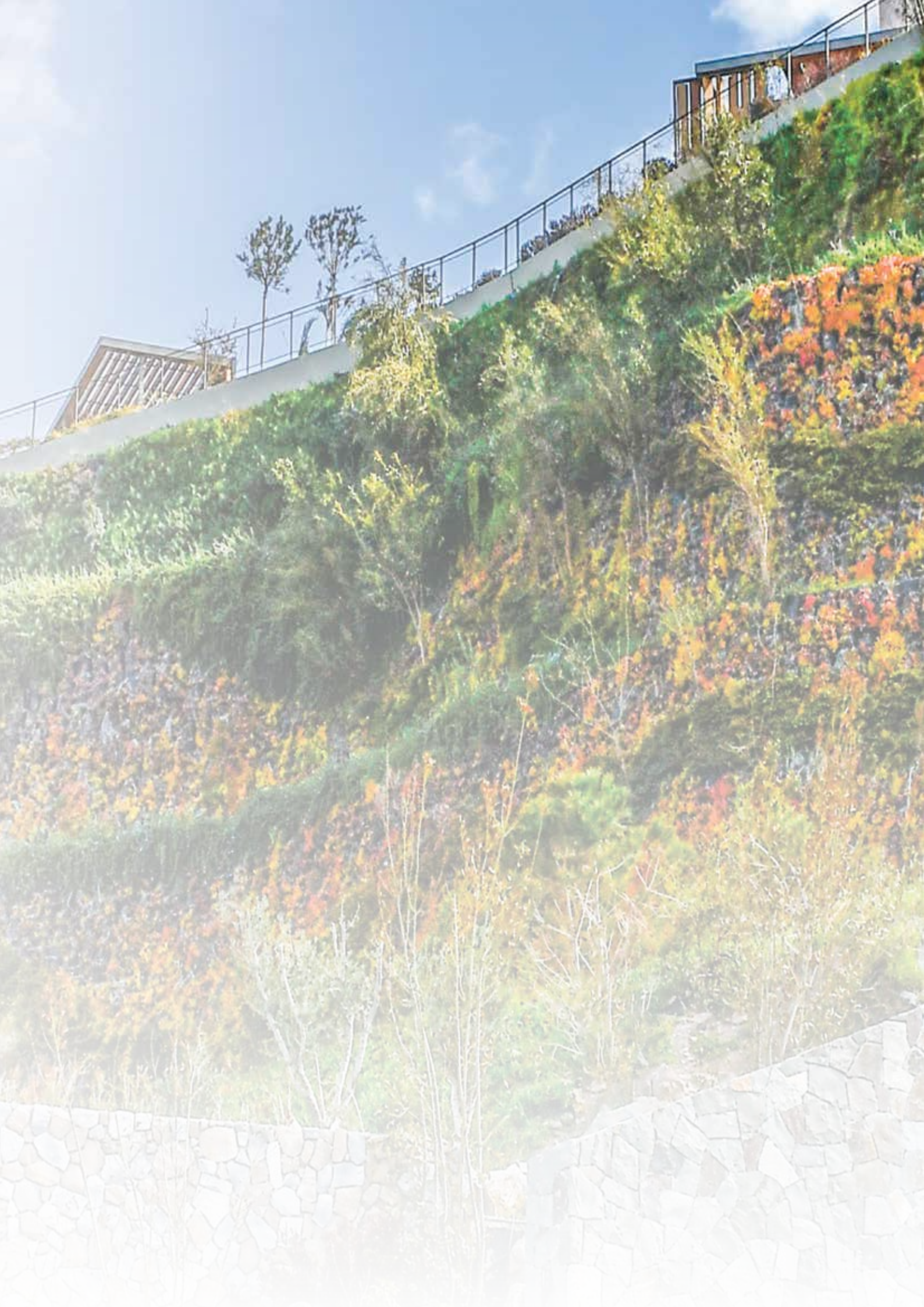
GeoTeknik S



✘ İzoTeknik®

İzoteknik





Asphalt Solutions and Products



Asphalt Maintenance/Repair



Durable Surface Treatment and Protective Coating



Hot Mix Asphalt



Stone Mastic Asphalt



Workability Increasing Asphalt



Recycling of Asphalt



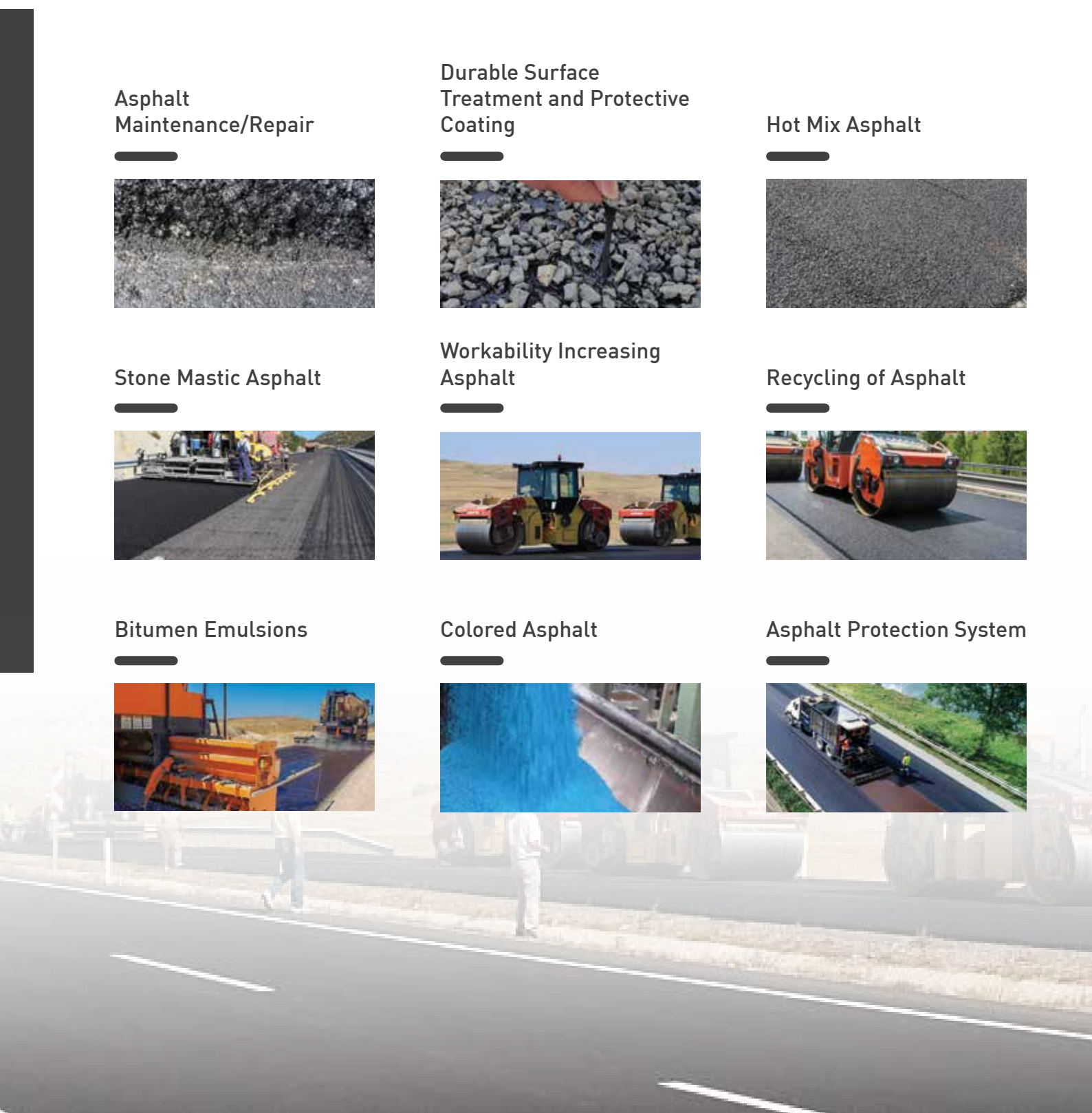
Bitumen Emulsions



Colored Asphalt



Asphalt Protection System





HiperCell®

Cellulosic Fiber Additive



SBS

Pol Bitumen (PMB) Additive



NovaPrene®

SBS Based Polymer Modified Bitumen Additive



TeraMuls®

Bitumen Emulsifier



TeraGrip

Anti-Stripping Agents



FlexoDerz®

Hot Applied Joint Sealant



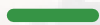
FluxerA®

Cold Asphalt Patch Additive



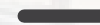
AsfaltTex®

Asphalt Reinforcement



Pawma®

Workability-Increasing Additive



Asphalt Solutions and Products

HiperColor®

Synthetic Colored Asphalt



MikroJet®

Asphalt Protection System



FlexoDerz® PU

Polyurethane Joint & Crack Sealant



HiperFiber

Synthetic Asphalt Fiber



HiperPaint PU

Two Component Polyurethane Paint



TeraClear®

Bio-Based Bitumen Cleaner





Insulation Solutions and Products



Facade Sheathing



Facade and Roof Insulation



Roof Drainage and Insulation



Foundation Insulation



Wet Volume Insulation



GeoGreen Green Roof





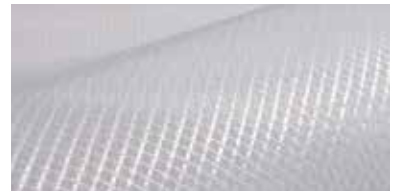
 **TrioTex**[®]
Roof and Facade Underlays



 **TekDrain**[®]
Drainage Boards



 **FileTex**[®]
Plaster Reinforcement
Meshes



 **TekFix**[®]
Fixing Elements



 **AquaLay**[®]
Wet Volume Membrane




 **ProfilEx**[®]
Facade Sheathing Profiles



 **Prima**[®]
Technical Tapes



 **TekDrain**[®]
Green Roof Drainage Boards

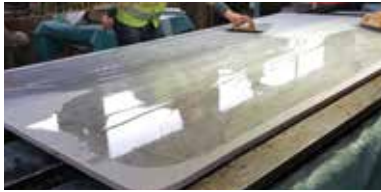


Marble Solutions and Products



Epoxy-Based Marble Repair and Strengthenener

 **Epoxlstt**[®]
Mega Epoxy



 **Epoxlstt**[®]
Ultra Epoxy



Marble Filler and Strengthenener Gels

 **Epoxlstt**[®]
Pro Plate Gel



 **Epoxlstt**[®]
Transparent Gel



Marble Block Protection and Bundling Gels

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



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





 **FileTex[®]**

Marble Protective
Meshes



 **FileTex[®]**

Marble Block Protective
Meshes



 **FileTex[®]**

Marble Mosaic
Meshes



Our Certificates



TS EN 13859-1



TS EN 13859-2



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



Notes



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**# RightProduct
RightSolution**

Ready to
improve your
construction

WE ARE IN SUCCESSFUL PROJECTS

WITH OUR CUSTOMER BASED PRODUCTS
AND ENGINEERING SOLUTIONS

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