

WWW.DETAENDUSTRI.COM

SCAFFOLDING
SYSTEMS
INSULATION
PAINT AND
MECHANICAL
INSTALLATIONS

DETA

ENDÜSTRİYEL İNŞ. MON. SAN. ve TİC. A.Ş.

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Our Values

Our human resources are our highest priority. Being a preferred job provider by keeping worker satisfaction high is key to our success. We will forever work in an honest and ethical way and carry our responsibilities with drive and passion. Workplace safety and security are the most important factors for us, and we also make sure to keep our environmental impact as low as possible.

Our Vision

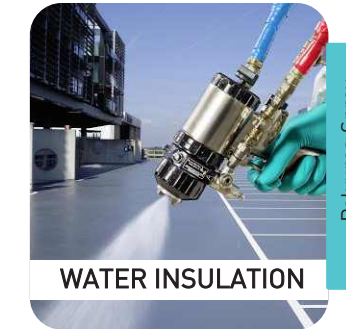
To become one of Turkey's pioneer companies in all the fields we provide services and to become a well-known and trusted international company in our field.

Our Mission

To become a company that can move quickly in any variable condition, while providing high quality services with the utmost attention to workplace safety and provide results for our clients in a timely and perfect manner while being respectful to the environment. We wish to create value for our customers, suppliers, workers, contractors alike.



Our Services



Industrial Scaffolding Services



Piping is required where electricals, instruments and other installations where installation effort and costs are high. The right selection of scaffolding and the right usage of it is very important for the safety and efficiency of the worksite. This is why our priority is scaffolding setup.

We provide scaffolding setups that not only make your worksite more safe and compliant, but also we offersolutions that increase work efficiency.

Roofing and protective scaffolding services



This is a roof covering that is resistant to all weather conditions and is durable as a temporary hall. Pan roofs and extra floors can be added and is a favourite among restoration teams where its use is widespread.

The structure itself and all equipment will be protected during any transformative or maintenance works and will allow for workplace safety to be present throughout the roofs area. The roof layers can be assembled at ground level and then raised by a crane. It is possible to have roof spans over 27m in width.

Facade Scaffolding Systems



Secure Facade Scaffolding Systems provides maximum safety in work environments on tall buildings. When used in dwellings, this scaffolding system provides safety to pedestrians. The frames as well horizontal and diagonal elements are comprised of galvanized metal, enclosed stairs, banisters and shin guards.

Paint Applications

Industrial steel constructions, pipelines, equipment, storage tanks, platforms, chimneys, wind turbines, bridges, ships and other such construction works require an element of protection against corrosion. The right paint and application will provide protection against corrosion for the desired period of time. DETA approaches this requirement with an engineers approach and provides support with the most coverage.

Paint selection

Customer standards, environmental conditions, the equipment being used and the temperature of the product within the pipe are the most important factors to consider when choosing the right paint. The selection of paint done under the guidance of the manufacturer is done so for the maximum protection against corrosion for the area to be painted.

Surface preparation

Before starting on the painting application, surface preparation is executed to improve the sticking of the paint. The most important factor for the paints' performance is the quality of surface preparation. Surface preparation can be done mechanically or chemically, according to the quality of the paint to be used. At DETA we are capable of providing mechanical cleaning, pressured water cleaning, sand blasting and chemical cleaning to prepare surfaces for paint applications.

Paint application

The work starts from paints storage conditions to the right paint mixing ratios to then the paints application itself. After the surface preparations and measurements of the environmental conditions, the paint application can be started. We do all of our applications with our professional crew and under the guidance of our paint suppliers and are able to get the best results possible. We then provide a quality report for the relevant quality standard.



OTHER APPLICATIONS

Rain purging and chemical cleaning

Oil purging procedures, which are critical in piping of oxygen facilities and cryogenic storage tanks, are handled by our company with the right equipment and chemicals. Sealed system projects, their installation and application as well as the elimination of the chemicals being used, is another service we provide with the utmost care.

Passivation

Passivation in stainless steel is a method of preventing rust by using an acid formulation to remove the detached steel from a metal surface. Stainless steel changes its formation with the addition of heat in its application to semi-finished steel tanks, equipment, and pipelines. To reduce the chemical reactivation we use pickling and passivation procedures and this way we prolong the longevity of the stainless steel.



Insulation Services



Hot Insulation Application



This is a system that is applied in open air and closed conditions on tanks, pipes and other industrial elements where the temperature range can be between 50+ and 1200+ degrees Celsius. The aim of heat insulation is to optimize energy consumption. When finding the thickness of insulation to be used, we take into consideration factors such as fluid temperature, environment temperature, surface width, the humidity of the environment and its service period.



For heat insulation applications we use prefabric fiberglass, rabbit wired rockwool or ceramic wool. After heat insulation is accomplished, added mechanical strength, resistance and resistance to humidity and steam is ensured with sheet metal.

Insulation is vital for energy usage optimization for any industry or company. We provide world class standard selection of type and thickness of insulation materials for textiles, food, petrochemical, cement, medicine, power stations etc.

Water Insulation

Spray Polyurea is the latest in materials, but along with this it sticks to any surface to a maximum degree. Thanks to its joint filling and high resistance to bumps, it is the least likely material to deform. Compared to the old methods of insulation it provides a more professional and everlasting solution to long term problems.

Polyurea can be applied as a spray that has been specially formulated for water insulation, and thanks to its fast drying properties it has become an indispensable material of water insulation. Its longevity is comparable to other water insulation materials and because it is very flexible and easily applicable to multiple surfaces it has a lot of advantages. Polyurea, when used as or in the top coat of paint it adds UV resistance to the surface or material and can be used both indoors and outdoors. With its two component structure it can withstand heavy loads. It is not affected by dynamic and heavy loads.

Our team ensures the longevity and resistance of its water insulation on your equipment or structure with a team of highly qualified workers, with customer satisfaction in mind and by using the highest quality materials. When it comes to insulation, quality and customer relations play a big role. For this reason we work with precision and for competitive prices, and carry out our works to highest quality.



USE
CASES

- ✓ Houses, Villas, Factories, Hospitals, Roads, Animal Farms, Industrial Areas, Oil Platforms, Tunnels, Roads, Pipelines, Fundamental Curtain Insulation, Water Tanks. For a full list of use cases, please contact our projects department.

Cold Insulation



Can be applied as a spray that has been specially formulated for water insulation, and thanks to its fast drying properties it has become an indispensable material of water insulation. Its longevity is comparable to other water insulation materials and because it is very flexible and easily applicable to multiple surfaces it has a lot of advantages. Polyurea, when used as or in the top coat of paint it adds UV resistance to the surface or material and can be used both indoors and outdoors. With its two component structure it can withstand heavy loads. It is not affected by dynamic and heavy loads.





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Mechanical Installation

We provide professional services in the field of mechanical installations with our experienced team. We provide this service for power plants, petrol and oil refineries, natural gas pipelines and stations, cement and steelworks factories, ships, fossil fuel platforms, air separation and paper production facilities as well as food manufacturers, and for all components they may need installed.

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Our Services

Pipe installation

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Tank Installation

Can be applied as a spray that has been specially formulated for water insulation, and thanks to its fast drying properties it has become an indispensable material of water insulation. Its longevity is comparable to other water insulation materials and because it is very flexible and easily applicable to multiple surfaces it has a lot of advantages.



Steel Installation

Polyurea, when used as or in the top coat of paint it adds UV resistance to the surface or material and can be used both indoors and outdoors. With its two component structure it can withstand heavy loads. It is not affected by dynamic and heavy loads.



Equipment Installation

We provide professional services in the field of mechanical installations with our experienced team. We provide this service for power plants, petrol and oil refineries, natural gas pipelines and stations, cement



Mechanical Maintenance

and steelworks factories, ships, fossil fuel platforms, air separation and paper production facilities as well as food manufacturers, and for all components they may need installed.

PRODUCT SALES



Isı, su ve ses yalıtımında kullanılmak üzere çeşitli özelliklerde hammadde, yardımcı ürünler, cam yünü ve taş yünü, pompa, vana ve Janş ceketleri, alüminyum ve paslanmaz rulo satışı, hizmetlerimiz arasında yer almaktadır.

Raw Materials

Rigid Polyurethane Systems ; and steelworks factories, ships, fossil fuel platforms, air separation and paper production facilities as well as food manufacturers, and for all components they may need installed.

- **Isocyanate Polymer**
- **Polyether Polyol**
 - Injected insulation (pipes and tanks)
 - Spray insulation (roof, facade, terrace, foundation insulation)

Polyurea Systems; Polyurea can be applied as a spray that has been specially formulated for water insulation, and thanks to its fast drying properties it has become an indispensable material of water insulation. Its longevity is comparable to other water insulation materials and because it is very flexible and easily applicable to multiple surfaces it has a lot of advantages.

- **Saf Poliürea sistemler;**
 - it has become an indispensable material of water insulation. Its longevity is comparable to other water insulation materials and because it is very flexible and easily applicable to.
- **Hibrit Poliürea Sistemler;**
 - it has become an indispensable material of water insulation. Its longevity is comparable to other water insulation materials and because it is very flexible and easily applicable to.

Yardımcı Ürünler; Metilen Clorid, DMF, Rijit Kalıp Ayrıcılar, Poliürea için UV dayanımlı Boya (son kat), Poliürea için Astar

Fiberglass and rockwool

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Pump, Valve and Flange Varieties

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Aluminium and Stainless Rolls

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