About us

Delta Construction Ltd. which operates with the partnership of UK Construction&Technologies Ltd. aims to serve the construction problems with its technological products, devices, and expert staff.

Our company principle is to provide you with the following services under the headings of Swiss (BASF) and Italian (MAPEİ) originated, products line and our latest technology.

Experties

– Strengthening-restoration in masonry and RC structures
– Corrosion control, prevention and repair implementations
– Structure strengthening and repair implementations
– Building strengthening using RC jackets -Steel jackets -CFRP-FRP
– Non-destructive concrete tests with latest technology devices

1. Identification of Reinforcement
2. Reinforcement Corrosion Test
3. Determination of crack depths formed in the concrete by ultrasound
4. Concrete Strength Tests

- Chemical anchorage
- Repair concrete structures using injection systems (Lime, Cement, Polyurethane and Epoxy)
- Waterproofing and insulation systems
- Fibre Reinforced Shotcrete (FRS) reinforced with macro-synthetic fibres
- Concrete core drilling and concrete cutting works with hydraulic rail systems
WHY DELTA YAPI?

Life Service
We provide our client's services with long-term and long life working logic.

Certified Products
Certified products are used in all our projects.

Customer Satisfaction
Delta Yapı acts with the philosophy of customer satisfaction in its basic principles.

Service Warranty
The guarantee is provided by our company with all the services it has provided.

Years of Experience
Delta Yapı offers you a professional and proactive service with more than 20 years of experience.

Continuous Support
Our corporation provides ongoing support that meets the customers need.
**VISION AND MISSION**

- To be a leader in the construction industry with its effort made in Turkey and worldwide projects.
- Developing the quality philosophy in the whole stages of the projects.
- Satisfying the human values and environmental sustainability.
- Innovate the future construction technologies.

**Policies**

To ensure customer satisfaction and to guarantee the successful delivery of any project, our company provides the following steps:

- Understand and meet the customer's needs and ensuring unconditional customer satisfaction.
- Deliver the project on time and within the allocated budget.
- Comply with all legal and sectoral requirements.
- Provide our staff with all the necessary training to deliver successful projects to our customers.
- Working compatible with our suppliers and subcontractors to provide the desired raw materials and services in the most appropriate way.
- Implement and continuously improve quality management programs.

As a company, we are aware of our social responsibilities towards the society and environment. Delt yapı conducted the numerous security factors as a priority target to provide the most suitable working environment and occupational health for its employees. These factors are:

- Complies with the laws, regulations, and standards to provide the environmental safety and occupational health.
- Delta Yapı ensures that all personnel working in a safe and healthy environment.
- Delta Yapı aims to reduce environmental pollution and maintain a more habitable environment for the next generation by using eco-friendly materials in projects.
Delta Yapi offers water insulation services with its up to date products, specialized equipment and certified waterproofing specialists (CWS).

Depending on the requirements of the structures and conditions present at the time, epoxy, cement based or polyurethane based injection systems can be provided to obtain the ideal solution.
Delta Yapi with its expert underground construction team is a leader in the provision of reliable and customer-oriented solutions focused on your needs in the tunneling and underground structures. We combine the best method with the best elements to solve your specific construction problems.
Re-injectable Hose Water Stop System

Master flex hose is designed to replace waterbar for use in concrete structures which contain joints other than expansion joints and subject to hydrostatic pressure on one or both faces of the structure. Its use prevents passage of water through concrete joints in the following typical applications.

Advantages

• Eliminates costly design, welding and installation of waterbar.
• Water cannot penetrate treated joint and rebar, unlike traditional installation where water is in contact with the reinforcement up to the waterbar.
• The installed system assures a watertight structure.
• Fast easy installation procedures even to complicated design detail.
• Proven and predictable performance.
• Joints can be tested for watertightness before backfilling or membrane tanking operations.
• System enables retro-injection, to stop leaks caused subsequently by settlement or structural movement at the construction joint.
• Completely maintenance free.
• Possible to retro-fit when new construction is built against existing structures.

1. Injection diameter 6mm.
2. Solid hose core for resisting concrete pressure.
3. The lateral openings with a diameter of 3mm, each staggered by 1cm, ensure a uniform discharge of the injection material.
4. The three neoprene strips in the longitudinal grooves act as non return valves.
Repair Concrete Structures using Injection Systems

Various types of injection (Lime, Cement, Polyurethane and Epoxy) in all structures are made by Delta Yapi.

**Lime injection**

Hydraulic lime-based injection is used in historical masonry buildings restoration to repair the cracks of the masonry domes, vaults, and repair the settlement of the masonry walls foundation.

**Cement injection**

Water ingress and poor ground conditions in underground projects usually increase costs, can have a negative impact on the environment, and unavoidably cause significant delays. The cement injection system is widely used in fine-grained soil reinforcement projects for crack sealing or strengthening the ground.

**Polyurethane injection**

The polyurethane injection is a specific insulation system that used in, water pools, water tanks, dams, basement floors and underground structures.

Delta Yapı has successfully performed this system in the major underground structures such as Turkey's Melen water tunnel, Taisei Marmaray rail transportation tunnel, Kismak, Hasdal and Dolmabahce Bomanti tunnel.

**Epoxy injection**

The epoxy injection system is the most effective and economical method of repairing non-moving cracks in concrete walls, slabs, columns, and piers without increasing its strength.

Crack injection can be successfully performed on cracks as narrow as 0.013 mm in width with general epoxy injection resins.
A building that has not been maintained for many years needs to be renovated, restored, and strengthened. The purpose of the building restoration is to preserve in their original form and transferred to future generations. Our company successfully results in building restoration works by producing professional solutions for the old, sensitive and risky buildings.

Delta Yapı provides a professional team to repair and restore the historical buildings in the best way to preserve their historical identity and transfer to the future generations.
Strengthening

Delta Construction & Restoration Inc. Services include renovation and restoration of all kinds of buildings. Particularly with its expert staff in the field of historical buildings, performs the strengthening process with importance and precision.

Delta Yapi works with a team of specialists to provide the strengthening services in accordance with the scientific methodology and necessary conditions.
Concrete Core Drilling and Cutting

Delta Yapi provides the very latest technology in the hydraulic cutting machines to cut the reinforced and Non-reinforced concretes without, vibration and damage. Since the cut surface is a flat surface, it does not require further correction.
References
Domestic References

Explore Delta Yapı references from our photo gallery.

Seyrantepe/Istanbul metro station

Marmara forum/Istanbul

Torunlar

Dolmabahçe Bomonti
Kismak Kagithane Tunnel

Makyol Hasdal Tunnel

Makyol Kemer tunnel
Ford Otosan / Bursa

Carousel

Taisei Marmaray

Melen Çayı
Alarko Makyol

Yeditepe University

Atatekstil

Erdal İnönü Villa
Cevahir Shopping Mall

Toprak Tower

İski

İstanbul Technical University
Makyol Kemer

Merter Eroğlu
International References

Ghaflankooh- Iran

Aquapark-Turkmenistan

Dwores-Turkmenistan

Bandar Abbas- Iran
Mashhad- Iran

Bandar Abbas- Iran

London- England

Libya Mosque

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