

Founded in 1998, Istanbul Teknik is a building material production, sale, engineering solutions, and applications company, Turkey's first and largest polyester knitted geogrid and geocomposite producer.

Istanbul Teknik continuously develops new products and solutions in geosynthetics, asphalt additives, waterproofing geomembrane, insulation and marble epoxy products, supplying them domestically and to more than 80 countries via its 30,000 sq m factory in Bolu. In 2019 it was authorized as a technical textiles and plastic technology R&D center by the Turkish Ministry of Industry and Trade.

Its geosynthetics products include polyester knitted geogrid and geocomposite, non-woven geotextile, HDPE geocell, dimpled drainage composites and polyethylene geomembrane product groups. Geogrids form an important part of its production portfolio; as Turkey's only domestic and highest capacity manufacturer, it has the widest product range in its industry.

The company also offers engineering solutions tailored to its customers' needs to ensure the effective application of geosynthetics, as part of its #right-productrightsolution strategy.

It also designs, produces and supplies retaining wall and embankment solutions, and has accomplished many successful projects both in Turkey and abroad. One of the most notable projects was the GeoArme wall, located on the 400km KMO - North Marmara Highway, which connects the Aegean, Marmara, and Central Anatolia, where tunnel waterproofing insulation and concrete lining was used. As of May 2023, this GeoArme wall (1km long, 42m high) is the highest, longest, and largest continuous wall built in Turkey.



The company says its retaining walls support a sustainable future as their durability helps prevent erosion, reduces environmental impact and allows vegetation to grow.

In 2023 the company celebrated its 25th anniversary. It said it was proud to serve not only in Turkey but all over the world with products and solutions, and as a member of the IGS it will continue to offer products and services that add value to the industry and life.

Istanbul Teknik has been an active member of the IGS and IGS Turkey chapter since 2013 and says it is proud to support the mission of the IGS. It says it joined the Society with the aim of developing the industry, providing solutions in geotechnical engineering, raising awareness, as well as creating a value chain in geosynthetic design, production, installation, and applications.