

TechFab India Industries Ltd. launches free software for the Design of Reinforced Soil Walls

Mumbai – July 28, 2015 TechFab India Industries Ltd., India's leading manufacturer of geosynthetics, has launched **TechGrid Designer Pro**, a cutting edge software for the design of reinforced soil retaining walls. In a path-breaking move, the company is offering this world-class software for free use by its customers. This is also the first time, such an advanced software for reinforced soil walls has been developed by an Indian company.

Retaining walls are structures that hold back soil and prevent it from sliding or eroding. These structures are essential components of most construction projects including highways, railways, airports, hill roads, real estate etc. Conventional stone masonry or reinforced concrete retaining walls are massive, costly and cumbersome using up lot of stone, concrete and steel.

Geogrid reinforced soil retaining walls offer a superior alternative solution for earth retention problems. Here instead of building a massive retaining wall, the soils are stabilized by reinforcing them with polymeric meshes called geogrids. This technology is much more efficient, economic, easy to construct and eco-friendly.

Although reinforced soil technology is extensively used in highway projects in India, its immense potential has not been utilized in other sectors and smaller projects. One difficulty is that most civil engineers do not have access to efficient tools for the design of reinforced soil structures. TechGrid Designer Pro has been created to address this need. It has been developed based on TechFab India's experience of being associated with the design and construction of more than one million square meters of Reinforced Soil Walls.

TechGrid Designer Pro is an accurate, versatile, advanced, fully automated and integrated software for the design of reinforced soil walls in which TechGrid geogrids (world-class geogrids manufactured by TechFab India Industries Ltd) are used to reinforce the soil. The program helps engineers to design reliable and economic solutions and efficiently generates all the information required by the engineer to complete the project - design reports, construction drawings and material quantity estimates. It will be licensed free of cost to Techfab India's customers.

To summarize, *Techgrid Designer Pro* is a boon to consultants and contractors enabling them to save time and money and make efficient use of construction materials. **To know more about *Techgrid Designer Pro* and to get a free license, please visit the dedicated website www.techgriddesignerpro.com.**

About TechFab India Industries Ltd.

Established in 2003, the Mumbai based TechFab India Industries Ltd. is India's leading manufacturer of geosynthetics. At their state-of-the-art plants located in Silvassa and Daman, a wide range of products including Techgrid polyester geogrids, TFI 3000 woven geotextiles, TechGeo nonwoven geotextiles, TGC

reinforced nonwoven composites, TechDrain prefabricated vertical drains, Techglass fiberglass grids, metal gabions etc. are manufactured. Many of the products are also exported to several countries in Europe, North America and Asia.

TechFab India is the first to manufacture geogrids in India, and the only Indian company to obtain prestigious certifications and approvals like British Board of Agreement, American Association of State Highways and Transportation Officials National Transportation Products Evaluation Program and NorGeo Spec 2012 for their geosynthetic products. TechGrid Designer Pro is yet another trailblazing initiative from TechFab India Industries Ltd.

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