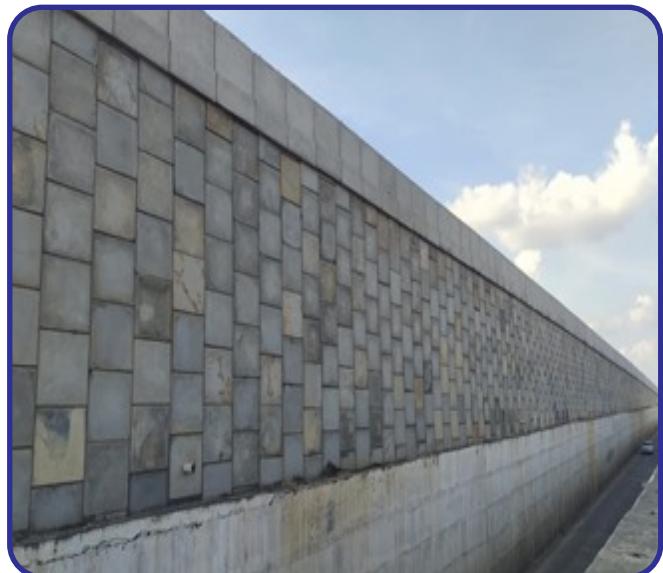




SOILSOL PROJECTS

“ISO 9001 : 2015 Certified QUALITY Management System”



HYDERABAD • DELHI

ABOUT US:

Soilsol Projects started by a group of qualified and skilled engineers and professionals who have practical, realistic and functional experience in civil engineering and construction industry. The combined experience of this group exceeds fifty years principally in the field of geosynthetics and construction specialty products and stretches out to all aspects of these products, materials and their applications.

Soilsol Project had been setup with the intention to being recognized and respected as an absolute customer-oriented company offering products, design solutions, fabrication and installation services. We also nurture plans for manufacturing specialty or Geosynthtic products in future years. Having started with our head office in Hyderabad and branch office in Gurgaon, we are now progressing to other parts of India. We now have site offices operational in a number of locations.

Soilsol Projects will endeavor to bring to the table all of the collective experience and knowledge from past projects and the latest in the subject to provide optimal solutions for challenging problems in the fields of hydraulic engineering, highways & runways, waste management, water proofing and Geotechnical engineering. Our field crews will strive to execute projects to our exacting standards.

Soilsol Projects. –Spectrum of services

From design and supply to installation and turn-key execution based on a single source responsibility are part of the company's philosophy.

Technical Support and Consulting

Our Company's qualified and experienced engineers are always on their toes, be it advice on the initial possibilities for your projects, preliminary design checks or drawings or a technical conversation. We are there whenever there is need and requirement. We can provide detailed engineering designs and construction drawings for reinforced soil walls, land fill base and capping systems, ground improvement applications. Based on client requirements we can also get our designs vetted by renowned professors from eminent institutions like IIT Chennai, IIT Hyderabad, IIT New Delhi etc.

Soilsol pursues a problem-oriented and project-centered approach to provide the precise product solutions for the precise applications, on schedule and as per budget

Supply of products

Soilsol has established concrete working relationships with the industry's leading manufacturers and has positioned it self to be able to procure the most technically advanced and specification compliant geosynthetic and construction specialty materials currently available. Behind every Soilsol product is a promise to deliver to you the best the industry has to offer. Be assured of prompt deliveries when you are with Soilsol.

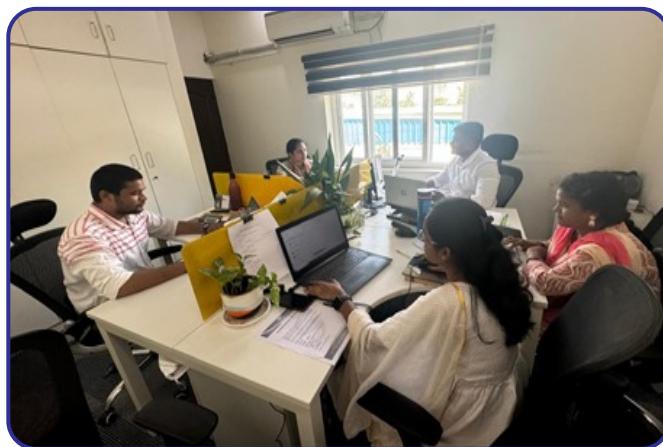
Soilsol offers an extensive range of products that including woven Geotextiles, non woven Geotextiles, Gabions, Geo grids, Geo straps, Geomembranes, Geocomposites, Geocells, pre fabricated vertical drains, erosion control mats and other Geo synthetic materials.

Projects & Construction

Soilsol's Involvement in a project can range from a simple supervision job to a total turnkey contract. Our experienced field crews work closely with clients and consultants and our engineering and project management teams to ensure every project is completed on time, within budget and to exacting specifications.

Reinforced soil walls, construction of land fills, lining of ponds and reservoirs, tunnel lining, ground improvement projects, coastal and river front protection projects are our forte.

Soilsol's team is devoted to its vision of being a customer oriented engineering company. We are committed to developing a solution that can reduce risk, control costs and leave a smaller carbon footprint. You will appreciate our response when we exceed your expectations. We are keen to take up your next challenge and be a part of your project.







GABION WALL:

Material Specifications:

SSP Gabion made with Double Twisted Hexagonal Shaped Steel woven wire mesh & Mechanically Selvedged, Mesh type 10x12 wire dia 2.7/3.7mm with Zinc+PVC Coating.

Applications:

Retaining structures such as retaining walls, revetment and toe walls to embankments and cuttings. Corrosion prevention structures for instance sea walls, river bank defenses, canal banks, dams, weirs, groynes and for the protection of reservoirs and lake sides.



In addition to all these applications we do undertake construction of land fills, lining of ponds and reservoirs, tunnelling, ground improvement projects, coastal and river front protection projects and are our forte.

PULL OUT TEST :

The objective of this pullout test is to validate the pullout resistance of Geostrap reinforcement with the project-specific backfill.

Two dial gauges, 0.01 mm least count and 50 mm travel is fitted on diagonally opposite sides of central hole jack to record the movement of the geostrap/ geogrid at the time of loading. Pressure is applied with the help of hydraulic pump connected with the central hole jack at a uniform but slow rate as the pulling bar should not be subjected to any jerk till the bar starts coming out. During the application of pressure, the dial gauge observations are recorded at every load interval.

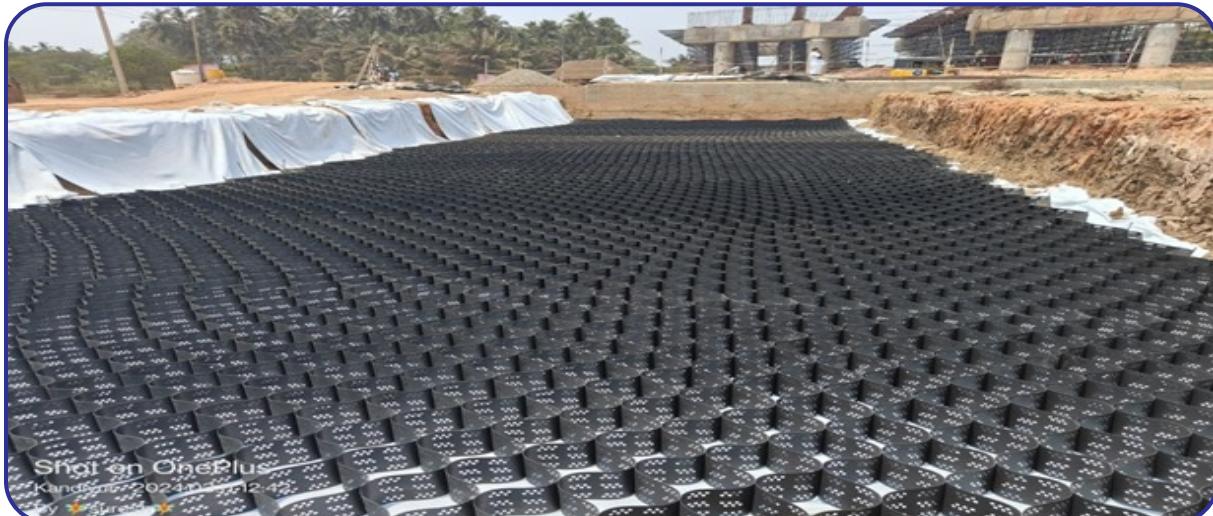
An initial arbitrary load not greater than 5 KN shall be applied to take up slack in the equipment. The Geostrap / geogrid is then tested by increasing the load in increments till the ultimate load is reached or until total extension is greater than the required limits or yields or fractures whichever is early. Readings for each increment shall be taken only after both load and extension are stabilized.

The coefficient of interaction for pullout (C_i) determined from the field test should be greater than the value considered in design of RE wall.



Ground improvent :

We can carry out Ground improvement designs for RE wall approaches site in any given soil strata using Geosynthetic products such as Woven Geotextiles, Biaxial geogrids, Geocells and perforated vertical drains.



OUR LIST OF CLIENTS, CONSULTANTS & CONTRACTORS:

OUR TEAM:



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