

Why TechFab India ?

TechFab India manufactures an entire range of high quality products, offers reliable services and range of common civil and environmental engineering problems. With the support of our highly experienced geosynthetic specialists and a nation wide distribution network, TechFab India's products are useful in a multitude of applications.

Sector	Applications	Nonwoven Geotextiles		Woven Geotextiles		Geogrids			Geostrap Products	Reinforced Nonwovens		GeoComposites		Gabions	Geotextile Bags & Tubes		Geocell
		TechGeo	TechPave	TFI 3000	TFI 1000	TechGrid-TGU Knitted PET Geogrids	TechGrid-TGB PP Biaxial Geogrids	TechGlass FibreGlass Grids	TechFab Geostraps	TGC	TechGlass AIC	TechDrain PVD	TechDrain Drainage Composite	TechFab Metal Gabions/Mattresses / Nets	Techtubes	TechFab Geotextile Bags	TechFab Geocell
Transportation (Highways, Railways, Airports)	Subgrade separation / Stabilization	✓		✓	✓		✓			✓							✓
	Reinforcement of granular bases, sub-bases						✓										✓
	Reinforcement of blanket/sub-ballast, ballast						✓			✓							✓
	Bituminous pavements and overlays		✓					✓		✓							
	Subsurface Drainage	✓										✓					
	Reinforced Soil Walls and Steep Slopes	✓		✓		✓		✓	✓			✓	✓				✓
	RCC Retaining Walls and Box culverts											✓					
	Gabion retaining walls	✓											✓				
	Embankments on soft ground			✓		✓	✓	✓				✓					✓
	Bridges and culverts - scour protection	✓											✓		✓		
Rock-fall protection												✓					
Water Resources, Irrigation & Flood Control	River/Stream/Canal Bed & Bank protection	✓			✓								✓		✓	✓	✓
	Coastal Protection	✓			✓									✓	✓	✓	
	Flood Control	✓			✓										✓	✓	
	Dams and Spillways	✓		✓								✓	✓	✓	✓	✓	
	Checkdams, weirs	✓			✓								✓		✓	✓	
Ports & marine	Land Reclamation	✓		✓	✓		✓		✓		✓	✓		✓	✓	✓	✓
	Sea Walls, Breakwaters	✓		✓	✓	✓		✓						✓	✓		
	Jetties, wharves	✓		✓		✓		✓	✓		✓						
	Container yards, roads	✓		✓			✓				✓	✓					✓
Power, Mines & Heavy Industry	Haul Roads	✓					✓		✓			✓					✓
	Internal Roads and Hard Standages	✓					✓	✓	✓	✓		✓					✓
	Heavily loaded floors	✓					✓		✓			✓					✓
	Access Roads and Working Platforms						✓										✓
	Water Storage Ponds	✓										✓					
	Ash ponds and tallings ponds	✓		✓		✓		✓	✓			✓					
Waste Management	Municipal solid waste landfills	✓				✓	✓	✓	✓			✓					✓
	Hazardous waste landfills	✓				✓	✓	✓	✓			✓					✓
	Waste water lagoons and ponds	✓										✓					
	Dewatering of sludges and wet wastes													✓			
Real Estate	Earth Retention	✓				✓		✓	✓			✓	✓				✓
	Landscaping	✓				✓	✓	✓	✓			✓	✓				✓
	Access roads and working platforms	✓		✓			✓		✓			✓					✓





Product Application



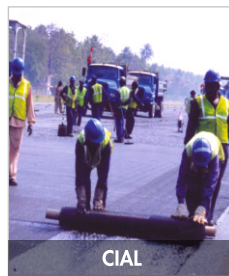
TechGrid TGU series (Uniaxial Geogrid) & TechFab Geostraps

- Wall and slope reinforcement
- Veneer reinforcement, etc
- Basal reinforcement of high embankments
- Reinforced soil walls



TechGlass (GlassFibre Grids) & TechGlass AIC (Composites)

- Heavily Stressed pavements
- Airport runway, taxi ways & Aprons
- Overlays over cracked or jointed concrete, asphalt on distressed PCC surface
- Bridge decks
- High load/heavy load for pavement and container yard, Industrial roads



CIAL

TechGrid PP Biaxial Geogrid

- Roads, rail tracks and airfields
- Parking lots, hard standages, container yards
- Factory and warehouse floors
- Haul Roads
- Access roads and working platforms
- Area Stabilization
- Load transfer platforms
- Ground reinforcement in subsidence prone areas
- Secondary reinforcement in reinforced soil slopes



Provincial Road P19,R103, South Africa



Interlocking

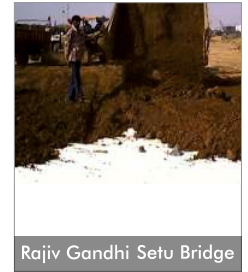
High Strength Woven Geotextile (TFI Series)

- Basal reinforcement of embankments on soft ground
- Area Stabilization
- Subgrade stabilization
- Reinforced soil steep slopes



Woven Geotextiles (TFI Series)

- Separator cum reinforcement for paved / unpaved roads
- Track-bed stabilization
- Hard-Stands
- Silt Fence
- Land Reclamation
- Airport taxiway & runways
- Container Yard



Rajiv Gandhi Setu Bridge

TechFab GeoComposite (TGC)

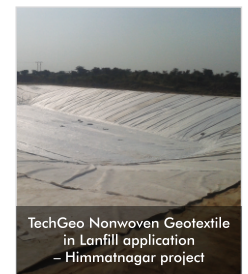
- Paved and Unpaved Roads
- Railways
- Load transfer platforms over saturated soils
- Parking lots



NDA MES - Khadakwasala

TechGeo Nonwoven Geotextiles

- Paved and Unpaved roads and earth platforms
- Land reclamations
- Storage and Container Yards
- Railway formations
- Subsoil and cut off drains
- Landscaping and building works
- Roadways separation / Railroad Stabilization



TechGeo Nonwoven Geotextile in Landfill application - Himmatnagar project

TechPave

- Stress relieving interlayer between old and new asphalt pavements
- Airport taxi ways & holding areas
- Chip sealed roads
- Storage Yards



CRRI - Mathura Road

TECHDRAIN™ Prefabricated Vertical Drains

- Land reclamation projects
- Construction of highways, railways, airfields and dykes
- Ports and harbour construction
- Development of industrial sites
- Mitigation of liquefaction





Gabion Wall



Indroda Bridge, Gujarat

Product Application

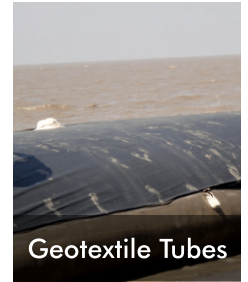


TechFab Drainage Composite

- Roads, rail tracks and airfields
- Parking lots, hard standages, container yards
- Factory and warehouse floors
- Reinforced soil walls and slopes
- Retaining walls, bridge abutments, basement walls
- Embankments, slopes, soil-nail walls
- Leachate collection and leak detection systems in landfills
- Landscaping and site grading works
- Flyash ponds and dykes
- Tunnels and underground structures



- Replacement of hard rock core with soft TECHTUBE core in marine structures
- Dewatering of reclaimed sand & silt
- Artificial island
- Seawalls (above water structures) for land
- Reclamation / breakwater construction protection



Geotextile Tubes

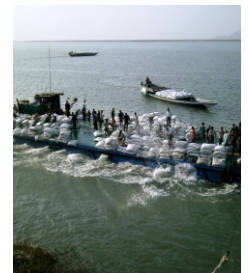
TechFab Geocell

- Roads, rail tracks and airfields
- Parking lots, hard standages, container yards
- Factory and warehouse floors
- Access roads and working platforms
- Area stabilization
- Haul roads
- Low height gravity retaining walls
- Facing for reinforced soil walls and slopes
- Landscaping and site grading works
- Erosion control of natural, fill and cut slopes
- River, stream, canal bed and bank protection



Geotextile Bags (Woven & Nonwoven)

- Riverbank revetments
- Stabilization of riverbank subject to toe scour and erosion
- Beach erosion protection
- Construction of groynes and bund wall
- Protection of Embankment from Erosion during floods
- Scour protection of bridge piers
- Construction of bed and bank protection, scour protection



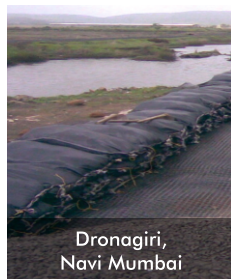
TechFab Metal Gabion

- Barriers at the rivers
- Marine and seawall protection
- Lining of steep slopes or slope protection
- Revetments for lakes and seashores
- Lining of canals and dams
- River training and flood control



TechTube - Geotextile Tubes

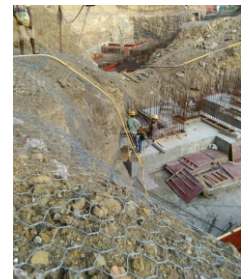
- Protection of shoreline and beach nourishment
- Construction of dykes, groynes, revetments, jetties and spurs
- Protection of toes in embankments



Dronagiri, Navi Mumbai

TechFab Rockfall Netting

- Mass gravity wall
- Rock fall protection netting
- Protection of highways / Railways
- Noise barriers
- Landscaping



TECHSTRAP



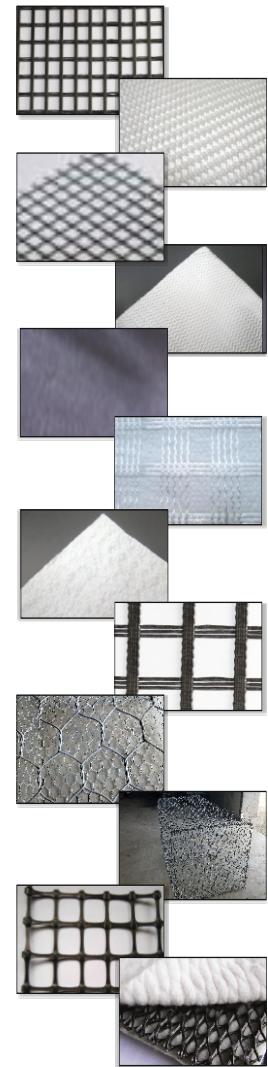
TechFab-Metal Gabion



About TechFab India Industries Ltd.

TechFab India was founded in 2003 with the objective of providing world class geosynthetic products and services to serve the needs of infrastructure development in India. From a modest beginning with the setting up of a manufacturing facility for woven geotextiles in Silvassa, we have rapidly grown to become the largest manufacturer of geosynthetics in India. Today we manufacture a wide range of products at our factories in Silvassa and Daman. Details are as under:

- TechGrid - Knitted and polymer coated Polyester Geogrids (TGU Series CE Marked)
- TechFab Geostraps
- TechGlass - Glassfibre Geogrids with modified Bitumen Coating (CE Marked)
- TechGlass AIC (Asphalt Interlayer Composite)
- TechGrid PP Biaxial Geogrids
- TFI Woven Geotextile
- TechGeo Needle Punched Nonwoven Geotextiles (CE Marked)
- TechPave (Paving Fabric)
- TechDrain-PVDs
- TechDrain Drainage Composite
- TechFab Geocells
- TechTube Geotextile Tubes, Geotextile Bags etc.
- TechFab Metal Gabions



World-class Geosynthetics Manufactured in India by Techfab India Industries Ltd.													
TFI Woven Geotextiles		TechGrid Geogrids	TGC Reinforced Nonwoven Composites	TechDrain PVDs	TechDrain Drainage Composite	TechGlass AIC	TechGlass Geogrids	TechGeo Nonwoven Geotextile	TechFab Metal Gabion Double twist wire mesh products	TECHTUBE & Geotextile Bags	TechGrid PP Biaxial Geogrids	TechFab Geostraps	TechFab Geocell
Polypropylene Multifilament	Polyester Multifilament							TechPave					

TechFab In house laboratory is accredited With ISO/IEC - 17025:2005 & GRI-GAILAP



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