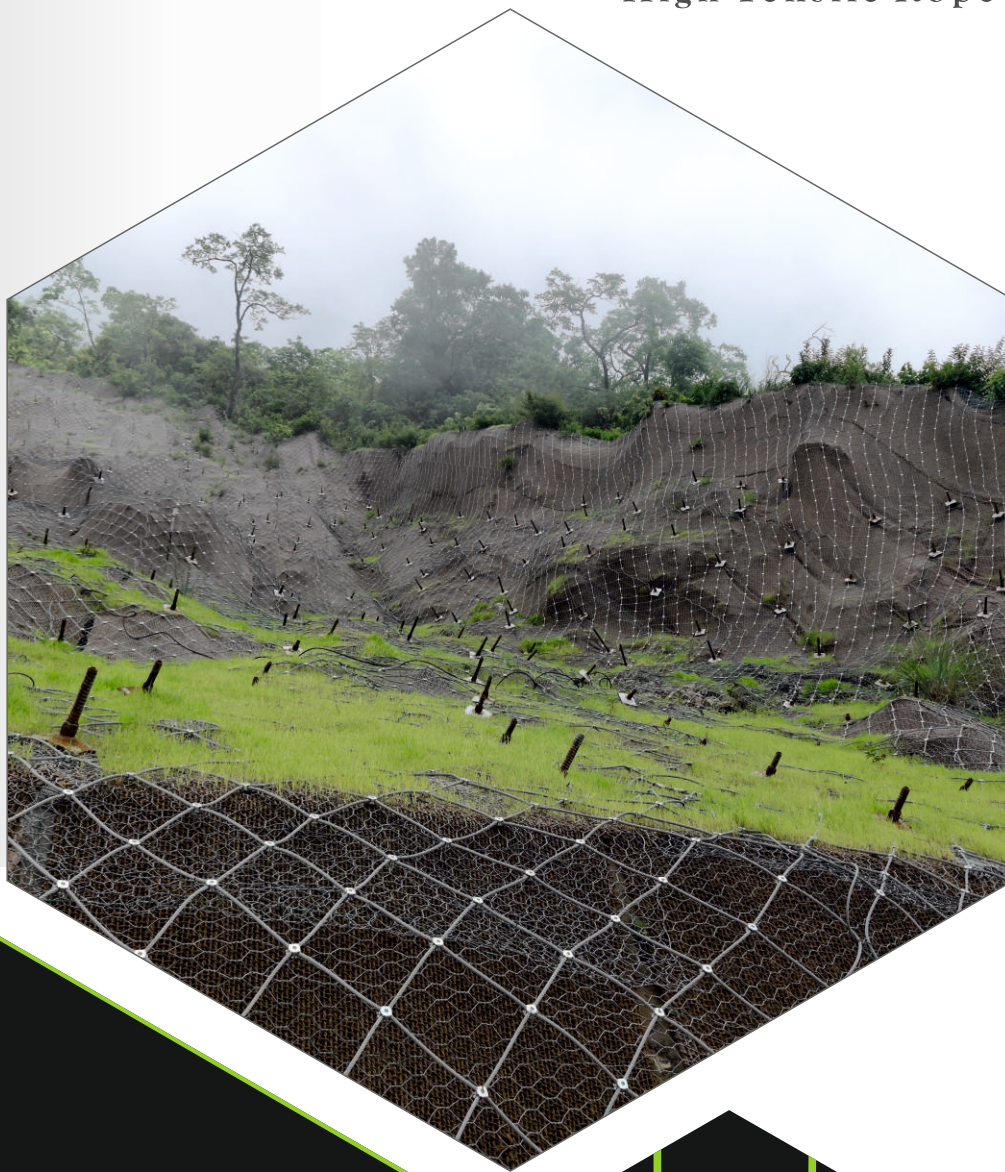




TechRhombus HRC
High Tensile Rope Net System



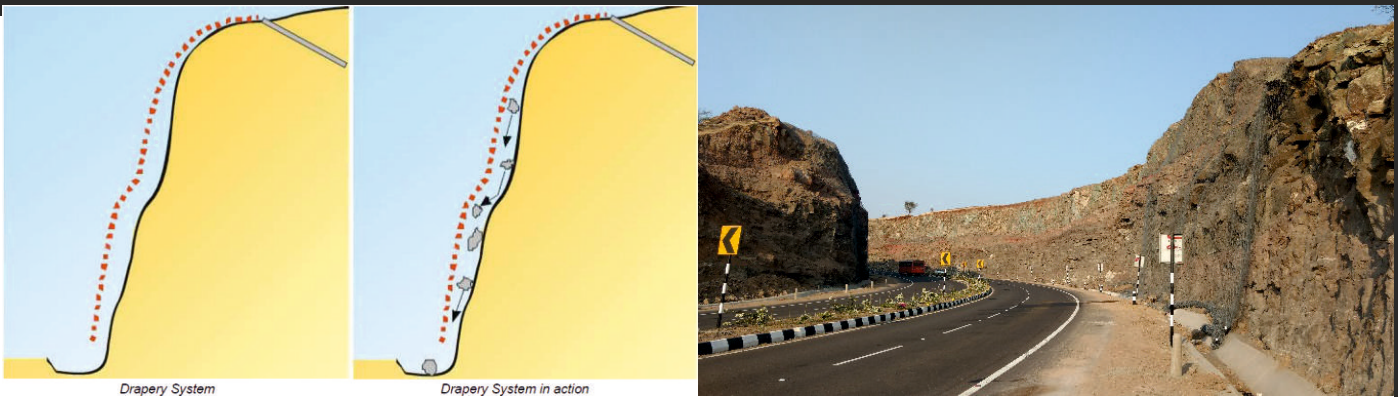
High Tensile Rope Net System

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TechRhombus Flexible Rope Net System

TechRhombus high tensile rope net system is made out of high tensile steel wire ropes with tensile strength of more than 1960 N/mm² which is a superior alternative to conventional rockfall protection system. HighTensile rope net system works in combination with or without bearing plates and other elements like top & bottom support ropes, wire rope anchors and soil nails. TechRhombus can be used for both active and passive rockfall protection system.

In case of Simple Drapery system, the slope is protected with two layers of meshes: a primary mesh and a secondary mesh. The primary mesh is the TechRhombus Flexible Rope Net & the secondary mesh is TechFab's double twist hexagonal wire mesh. Both the meshes are secured with top layer of anchors / rockbolts and a top support rope which are secured with a wire rope anchor. The drapery system acts as a curtain and allows the loose rocks to roll down the slope in a controlled manner. The loose rocks are accumulated at the bottom in a catch pit or drain.



TechRhombus High Tensile Rope net system is available in two types of junctions:

- High Resistance Clip (HRC)
- Steel Wire Knot (SWK)



SWK Type



HRC Type

Advantages of FlexMesh

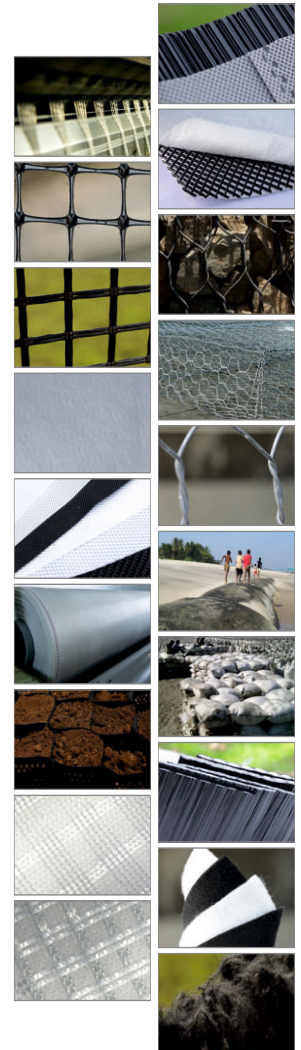
- **Superior Strength:**
TechRhombus is available up to a 280 kN/m & available in three different mesh openings of 250 x 250 mm, 300 x 300 mm & 400 x 400 mm with rope diameters of 8mm & 10 mm.
- **Value for Money:**
With its superior strength compared to other systems, it significantly reduces the installation cost by reducing the no of rockbolts.
- **Corrosion Protection:**
TechRhombus with Galfan coating (95% Zn /5% Al) offers superior corrosion protection lasts longer than conventional systems in highly corrosive environment.
- **Easy to Install:**
Lightweight TechRhombus system comes in a compact roll which ensures easy installation & can be unrolled from the top of the slope with ease.



ABOUT TECHFAB INDIA INDUSTRIES LTD

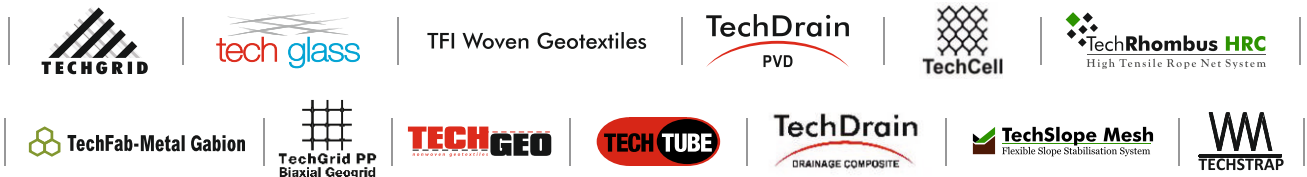
TechFab India was founded in 2003 with the objective of providing world class geosynthetic products and services to serve the needs of manufacturing development in India. From a modest beginning with the setting up of a manufacturing facility for woven geotextiles in Silvassa, we have rapidly grown to 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 (CE Marked & BBA Certified)
- TechGrid-Base Reinforcement Geogrids (CE Marked)
- TechGlass - GlassFibre Geogrids with modified Bitumen Coating (CE Marked)
- TechGlass AIC (Asphalt Interlayer Composite)
- TechGeo Needle Punched Nonwoven Geotextiles (CE Marked) AASHTO NTPEP evaluated
- TFI 3000 Woven PET (CE Marked & AASHTO NTPEP Evaluated)
- TGC Reinforced Nonwoven
- TechPave Paving Geotextiles
- TechFab Metal Gabions
- TechDrain - Prefabricated Vertical Drains (CE Marked)
- TechTube Geotextile Tubes & Bags
- TechDrain Drainage Composites
- TechGrid PP Biaxial Geogrid
- TechCell GeoCells
- TechStrap Geostrips
- Tech Fibre - PP Staple Fibre
- TechSlope Mesh & TechRhombus HRC



World-class Geosynthetics Manufactured in India by Techfab India Industries Ltd.													
TFI WovenGeotextiles		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	TechStrap Polymeric Strip	TechCell Geocell
Polypropylene Multifilament	Polyester Multifilament							TechPave					

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



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