TEXTURA
ENTERPRISES

TEXTURA ENTERPRISES

ONE STOP SOLUTION FOR ALL GEOSYNTHETIC PRODUCTS

Traders & Suppliers of :

Woven & Non-Woven Geotextiles, Fibreglass Mesh, Drain Cells, Dimple/ Protection Boards, DrainageBoards, HDPESand Coated Membrane, HDPE Self Adhesive Membrane, HDPE & LDPE – Pond/ Canal / Lining & Separation Membranes, Grass Pavers, Slope Protection Coir Mats, Soil Stabilization Jute Geotextiles, Road Construction Geocells, Dowel Bar Cap & EPDM Membranes.

ABOUT US

We M/s TEXTURA ENTERPRISES established in 2025 has become one of the trusted traders & supplier of a complete range of technical Geosynthetic products for Construction, Waterproofing, Landscaping & Lining Products.

We are one of the leading suppliers of Woven & Non-Woven Geotextiles, Fibreglass Mesh, Drain Cells, Dimple - Protection Boards, Drainage Boards, HDPE Sand Coated Membrane, HDPE Self Adhesive Membrane, HDPE & LDPE – Pond/ Canal / Lining & Separation Membranes, HDPE/LDPE Tubes for Agricultural and Irrigation purposes, PVC & HDPE Pipes, Grass Pavers, Slope Protection Coir Mats, Soil Stabilization Jute Geotextiles, Road Construction Geocells, Dowel Bar Cap, EPDM Membranes, FRP Rebar, Thermal Protection Insulation Boards etc.

The company provides its best quality Geosynthetic products to wide range of clients in India as well as in the international markets. We provide top-notch Waterproofing, Landscaping products to safeguard your homes commercial spaces and industrial properties from water damage seepages and leakages with expertise, advance technology and high-quality materials. We ensure long lasting protection and durability to your concrete structures.

THE WIDE RANGE OF GEOSYNTHETIC PRODUCTS FOR ALL COUNSTRUCTION REQUIRMENTS

Geotextile – Polyester & Polypropylene (Woven & Non – Woven)	Dimple /Protection Board	HDPE Sand Coated Membrane
Retaining Wall Geocomposite Findrain	Drainage Board	HDPE Self Adhesive Membrane
Slope Protection & Road Construction - Geocell (HDPE & PMGSY)	Terrace Garden Draincells	HDPE & LDPE – Pond/ Canal / Lining & Separation Membranes
Fiberglass Mesh	Grass Paver	HDPE/LDPE Tubes
HDPE Grass Pavers	EPDM Membrane	PVC & HDPE Pipes
Jute Geotextiles	Dowel Bar Cap	Thermal Protection Insulation Boards

WOVEN GEOTEXTILES

Woven geotextiles are high-strength, durable synthetic fabrics used in civil and environmental engineering to stabilize and reinforce soil. Common applications include roadway and railway subgrade reinforcement, slope and embankment erosion control, retaining wall stabilization, drainage filtration, and landfill liner protection. They prevent mixing of soil layers, support heavy loads, allow controlled water passage while retaining particles, and protect containment systems for long-term structural integrity.

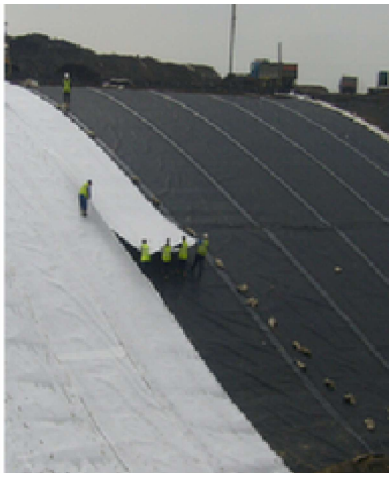
NON WOVEN GEOTEXTILE

Non-woven geotextiles are permeable, felt-like fabrics made by bonding polypropylene or polyester fiber (e.g., via needle- punching or heat-bonding) to create a flexible, cushioning, and drainage-friendly material. They're widely used for filtration and drainage, allowing water to pass while retaining soil particles ideal for Subsurface drains, French drains, and Retaining walls. These fabrics also provide soil separation, preventing fine subgrade soils from contaminating coarse aggregates in roads, railways, and embankments. Additionally, Non-woven offer moderate reinforcement and erosion control, reinforcing slopes and embankments and protecting geomembrane liners in landfills.

INSTALLATION AREA OF GEOTEXTILES

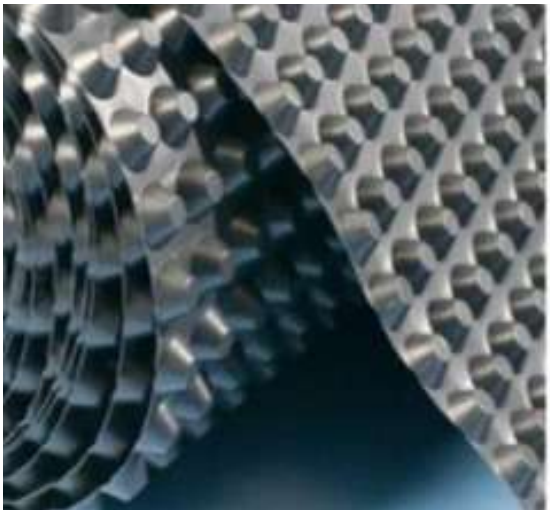
RAILWAY TRACKS

ROAD CONSTRUCTION



DAMS / CANALS

DIMPLE - PROTECTION BOARD



Dimple boards are typically made from High-Density Polyethylene (HDPE). They have a dimpled surface with raised areas, usually 8mm to 20mm deep. They are commonly black & brown in colour.

Common Applications:

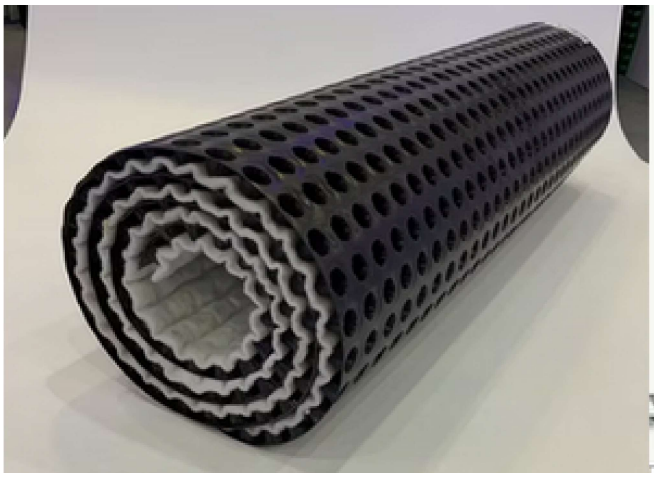
- **Basement Walls : Protecting waterproofing membranes on basement walls from backfill and ground water pressure.**
- **Retaining Walls : Providing drainage and protection for retaining walls.**
- **Foundation Slabs : Protecting foundation slabs from water damage and moisture intrusion.**
- **Green Roofs : In some cases, dimple boards are used in Green Roof Construction to provide drainage and aeration.**

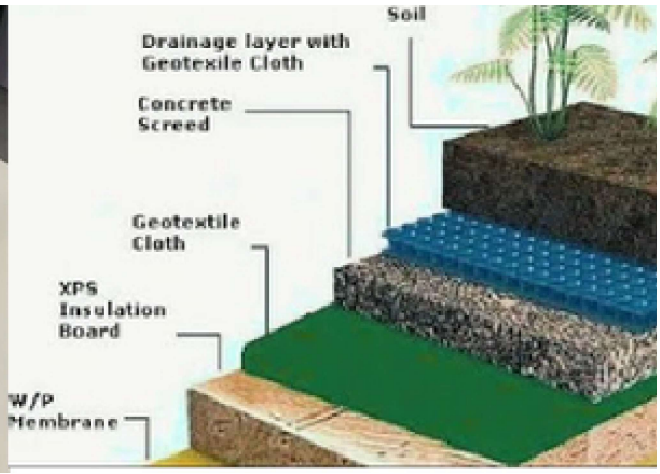
INSTALLATION AREA OF DIMPLE BOARD

BASEMENT

RETAINING WALL

TERRACE GARDEN DRAINAGE BOARD

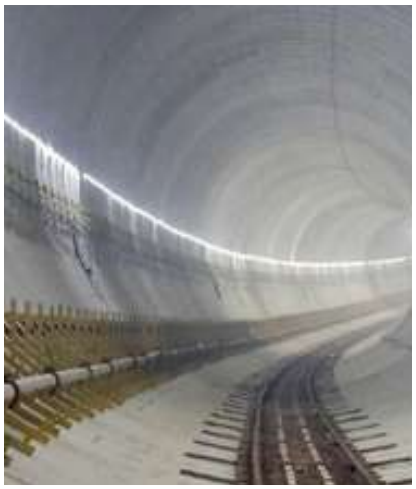




Drain boards are HDPE sheets featuring raised studs (dimples) bonded to a Non-woven geotextile. They serve as a protective drainage layer over waterproofing membranes, shielding them from physical damage and chemical exposure during back-filling. The dimples create an air gap that allows water to drain away from foundations or walls, reducing hydrostatic pressure.

These boards are widely used on basement or retaining walls, tunnels, green roofs, planter boxes, and terrace gardens to ensure both waterproofing integrity and efficient drainage.

INSTALLATION AREA OF DRAINAGE BOARD

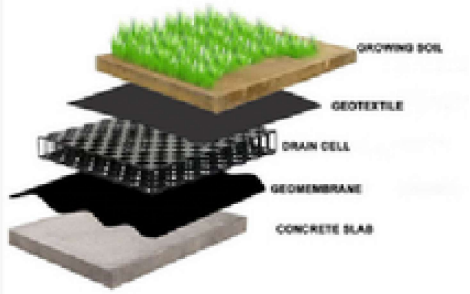


TUNNEL

TERRACE GARDEN

LANDSCAPE

DRAIN CELL - DRAIN MAT & FLEXO DRAIN



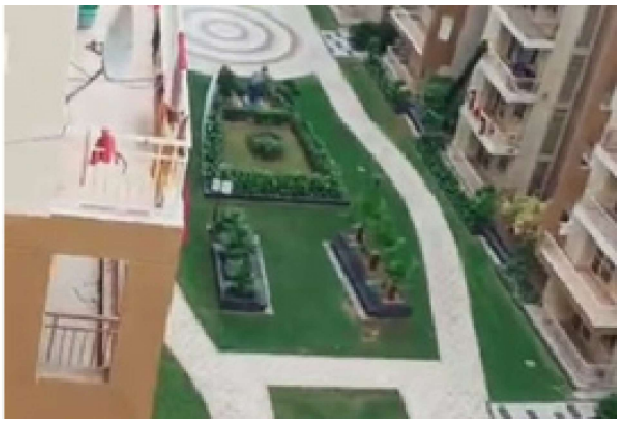
Drain cells are lightweight, modular drainage systems made from high-strength materials like polypropylene or HDPE. Their hollow, interlocking structure creates void spaces that facilitate efficient water flow and storage.

Benefits:

- **Effective Water Management: Facilitates rapid water movement, reducing the risk of structural damage.**
- **Light weight & Easy Installation: Simplifies handling and reduces labour costs.**
- **Eco-Friendly: Often made from recycled materials, promoting sustainable construction practices.**
- **High Load-Bearing Capacity: Suitable for areas requiring both strength and water management.**

INSTALLATION AREA OF DRAIN CELL

PLANTER AREA



TERRACE GARDEN

GRASS PAVERS

TEGPF 35

TEGPH 35 / 40

TEGPN 40

Grass pavers are permeable paving systems made from materials like recycled plastic or HDPE, designed to support vegetation while allowing water infiltration. They are commonly used for driveways, parking areas, pedestrian walkways, and emergency access routes. Grass pavers reduce stormwater runoff, support groundwater recharge, stabilize soil to prevent erosion, and are eco-friendly with a green aesthetic Ideal for low-traffic driveways, overflow or emergency vehicle parking lanes, pedestrian walkways, golf cart paths & landscaped areas where both load support and greenery are desired.

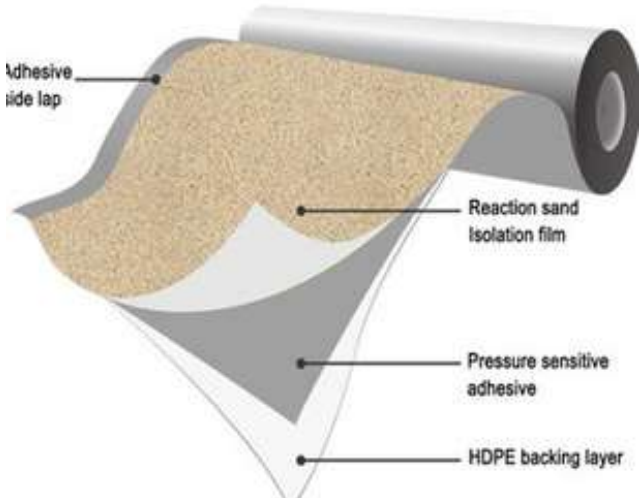
INSTALLATION AREA OF GRASS PAVER

FOOTBALL GROUND

PARKING AREA

GREEN DRIVEWAY

HDPE SAND COADTED MEMBRANE



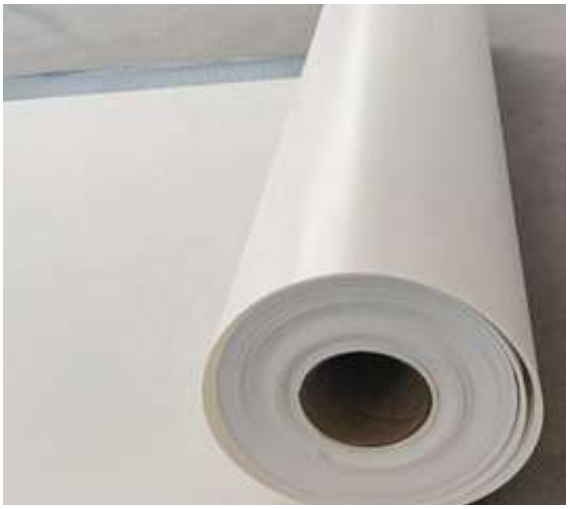
- **A sand-coated HDPE membrane is a high-density polyethylene liner with a sandy textured surface, designed to bond firmly with poured concrete or soil, offering a fully bonded, watertight seal.**
- **It's widely used for waterproofing critical civil structures such as basements, raft foundations, tunnels, pipelines, retaining walls, subways and water-retaining infrastructure.**
- **The sand coating greatly improves adhesion and friction, reducing slippage on slopes and enhancing stability under settlement or movement.**
- **Its excellent puncture and chemical resistance, along with UV and weather durability, ensures long service life in aggressive environments.**

INSTALLATION AREA OF SAND COATED MEMBRANE

BASEMENT AREA

ROAD / BRIDGES

HDPE SELF ADHESIVE MEMBRANE



A fully bonded HDPE waterproofing membrane is a pre-applied system consisting of a high density polyethylene (HDPE) film with an integrated pressure-sensitive adhesive layer. This membrane is installed beneath the slab or foundation formwork before concrete pouring. Upon casting, the adhesive bonds chemically to the fresh concrete, forming a continuous, monolithic waterproof barrier.

BENIFITS :

- **Permanent Bonding: Forms a monolithic seal with concrete, preventing lateral water migration.**
- **High Durability: Resistant to punctures, chemicals, UV rays, and hydrostatic pressure.**
- **Cold-Applied Installation: No open flames or heat required, enhancing on-site safety.**
- **No Protection Layer Needed: Self-protecting, eliminating the need for additional screeds or geotextiles.**
- **Adaptable to Structural Movements: Accommodates settlement and distortion without compromising waterproofing integrity.**

INSTALLATION AREA OF SELF ADHESIVE MEMBRANE

BASEMENT

RCC PODIUM

ROADS / BRIDGES

HDPE & LDPE FOR POND / CANAL / LINING & ROAD CONSTRUCTION SEPARATION MEMBRANES

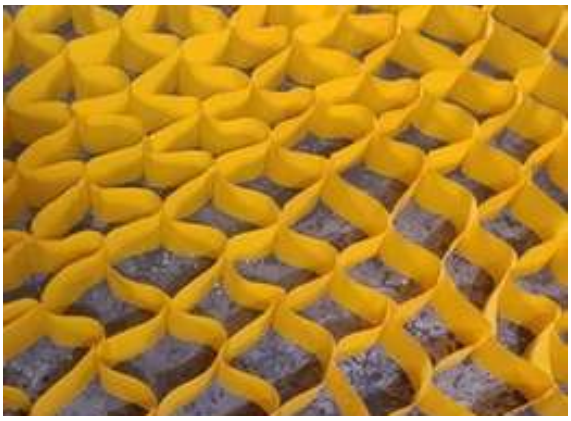
- **HDPE (High-Density Polyethylene): Offers superior tensile strength (20–40 MPa), excellent UV and chemical resistance, and is ideal for large ponds or aquaculture applications requiring durability and minimal maintenance.**
- **LDPE (Low-Density Polyethylene): Provides greater flexibility, making it easier to install in ponds with irregular shapes. It's cost-effective and suitable for smaller or less demanding applications.**
- **Installation: Both materials can be welded using heat or extrusion methods to create seamless, leak-proof liners. HDPE is preferred for large-scale projects like fish farms and irrigation ponds, while LDPE is suitable for garden ponds and small water features.**

INSTALLATION AREA OF LDPE & SEPARATION MEMBRANES

CANAL LINING

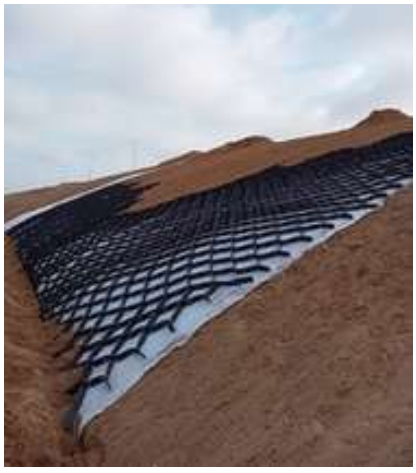
ROAD CONSTRUCTION

SLOPE PROTECTION / EROSION CONTROL GEOCELL (HDPE / PMGSY)



Geocell slope protection is a geosynthetic solution designed to stabilize slopes and prevent erosion. It utilizes a three dimensional, honeycomb like structure made from materials such as high-density polyethylene (HDPE) to confine and support infill materials like soil, gravel, or concrete. This system enhances soil shear strength, reduces surface runoff, and promotes vegetation growth, making it ideal for various applications.

INSTALLATION AREA OF GEOCELL (HDPE / PMGSY)



SLOPE PROTECTION

ROAD CONST.

RESERVOIR

SOIL STABLIZATION COIR MAT

A coir mat is a bio-degradable erosion-control blanket made from woven coconut fiber layered between bio-degradable or photo-degradable netting, used to stabilize soil and support vegetation growth. its's ideal for slopes, riverbanks, wetlands, and high-runoff areas-providing soil protection while seeds germinate and roots establish.

BENIFITS:

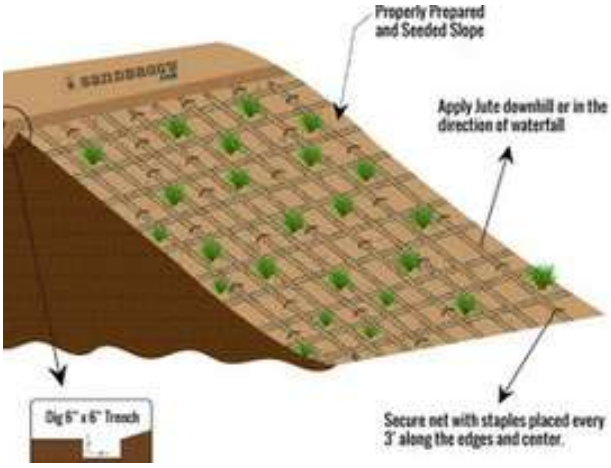
- **Cost-Effective & Easy to Install: Lightweight and flexible, coir mats conform to contour, install simply with stakes, and reduce long-term maintenance and erosion control costs.**
- **Strong & Moisture-Retaining: High tensile strength even when wet and excellent water retention support seed germination and vegetation establishment.**
- **Easy & Eco-Friendly Installation: Lightweight rolls that conform to contours; cost-effective, low maintenance, and safe for sensitive environments like wetlands and shorelines.**

INSTALLATION OF COIR MAT

SLOPE PROTECTION

SOIL STABLIZATION

SOIL EROSION / STABLIZATION JUTE GEOTEXTILE



BENIFITS:

- **A natural, biodegradable fabric woven from jute fibres, offering excellent moisture retention and flexibility to conform to terrain.**
- **Used for erosion control and slope stabilization on embankments, riverbanks, railways, and reclaimed land, encouraging vegetation cover while reducing soil loss.**
- **Useful in separation, filtration, and drainage, especially in road and subgrade construction to prevent layer mixing and improve stability.**
- **Naturally decomposes within 1–2 seasons (6–24 months), enriching the soil and leaving minimal environmental footprint.**

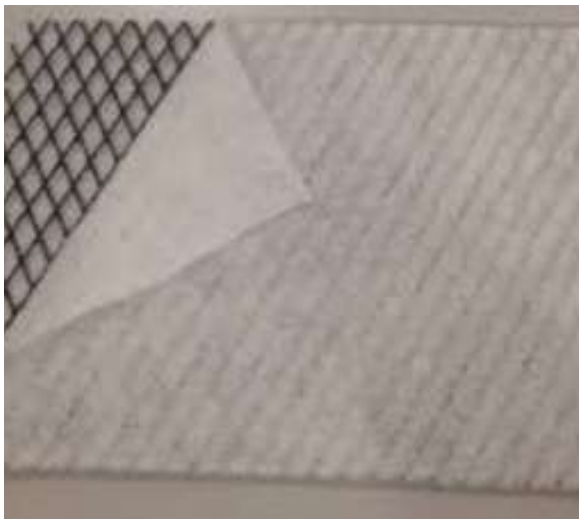
INSTALLATION AREA OF JUTE GEOTEXTILE

RAILWAY TRACKS

SOIL EROSION

RE VEGETATION

GEOCOMPOSTIE FINDRAIN 710 GSM



A Geocomposite Findrain is a prefabricated drainage system combining a high-density polyethylene (HDPE) core with geotextile filter fabrics. It efficiently channels water away from structures like highways, foundations, and embankments, preventing water accumulation and potential structural damage.

BENIFITS:

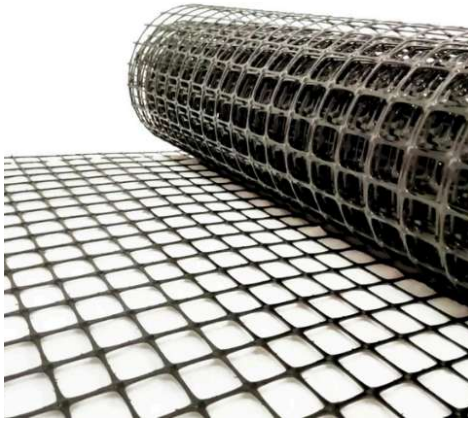
- **Enhanced Drainage Efficiency: The HDPE core's structure allows for rapid lateral water movement, reducing the risk of water accumulation and potential structural damage.**
- **Cost-Effectiveness: By combining multiple drainage functions into a single product, Geocomposite Findrains reduce material and labor costs, leading to overall project savings.**
- **Durability and Sustainability: These systems are resistant to chemical and biological degradation, ensuring long-term performance and contributing to environmentally friendly construction practices.**

INSTALLATION AREA OF GEOCOMPOSITE FINDRAIN

RETANING WALL

ROAD CONSTRUCTION

POLYPROPYLENE BIAXIAL GEOGRID



Biaxial geogrid is a polymer-based, grid like geosynthetic material—usually made of polypropylene or polyethylene—manufactured through extrusion, punching, and orientation in two perpendicular directions. This provides high tensile strength and stiffness in both the longitudinal and transverse axes. Biaxial geogrids support loads equally well in both directions, enabling effective soil stabilization and load distribution.

BENEFITS :

- **Two-direction strength: Offers balanced reinforcement and tight soil confinement.**
- **High stiffness at low strain: Reduces rutting and deformation while improving bearing capacity.**
- **Durable polymer composition: Resistant to UV, chemical corrosion, microbial degradation, and installation damage.**
- **Material and cost savings: Allows reduction in aggregate thickness, excavation volume, and maintenance frequency.**
- **Typical tensile strengths range from 30 kN/m to over 40 kN/m, and custom grades can reach up to 300 kN/m or more based on engineering needs.**

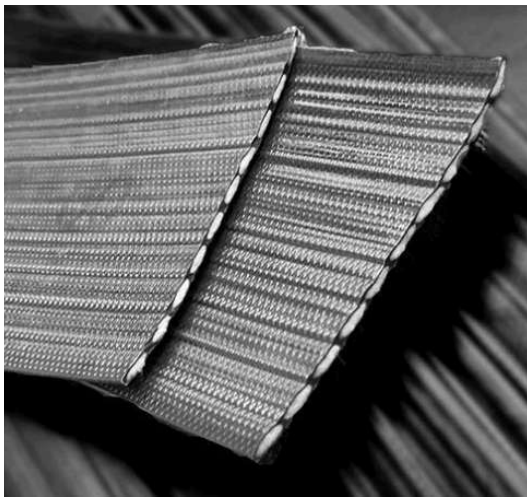
APPLICATION AREAS OF PP BIAXIAL GEOGRID

ROAD CONSTRUCTION

LAND FILLED AREAS

RAILWAY TRACK BED

POLYMERIC GEOWEB



Polymeric Geoweb is a high-strength polymeric strip reinforcement system for Geosynthetic Reinforced Soil (GRS) structures. It is certified to last over 120 years under proper installation conditions. Specially designed to be used in combination with concrete facing panels, it strengthens soil mass by distributing loads and restraining lateral movement-applicable not just in retaining walls but also road embankments and slope stabilization.

BENEFITS & ADVANTAGES:

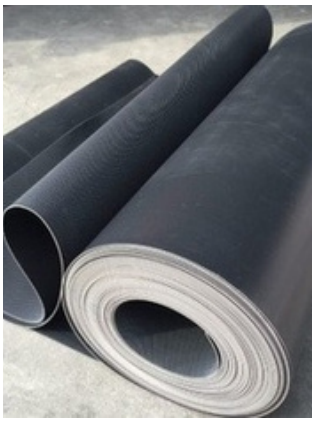
- Provides high tensile reinforcement to road embankments and retaining walls, improving slope stability.
- Allows for the construction of steep or vertical faces, saving space in urban or confined areas.
- Offers long-term durability (up to 120 years), even in aggressive soil and weather conditions.
- Reduces differential settlement and distributes loads evenly across weak subgrades.
- Easy and fast to install, with minimal machinery, reducing overall project time and cost.

APPLICATION AREAS OF POLYMERIC GEOWEB

BRIDGES CONSTRUCTION

HIGHWAYS / ROAD CONSTRUCTION

EPDM MEMBRANE



EPDM (Ethylene Propylene Diene Monomer) membrane is a synthetic rubber material widely used for waterproofing applications in construction. Renowned for its durability and flexibility, EPDM membranes provide long-lasting protection against water ingress. They are highly resistant to UV radiation, ozone, and extreme temperatures, ensuring reliable performance in various environmental conditions. Additionally, EPDM membranes are eco-friendly, as they can be recycled, contributing to sustainable construction practices. Available in 1.0 mm, 1.1 mm & 1.5 mm thickness.

DOWEL BAR CAP

A dowel bar cap is a cylindrical protective cover made from materials like PVC or plastic, designed to fit over one end of a dowel bar in concrete construction joints. Its primary function is to prevent the concrete from bonding to the dowel bar on one side, allowing for the necessary movement of the concrete slab due to expansion and contraction. This movement is crucial for maintaining the integrity of the pavement and preventing cracking. Dowel bar caps are typically 4 inches in length with dia. of 22 mm, 32 mm & 40 mm sizes to accommodate different dowel bar diameters. They are easy to install, cost-effective, and contribute to the long-term durability of concrete pavements.

FIBERGLASS MESH

Fiberglass mesh is a lightweight, corrosion-resistant reinforcement material made from woven glass fibers. It enhances the strength and durability of various construction elements by preventing cracking and structural degradation. Commonly used in applications such as wall reinforcement, tile installation, waterproofing and thermal insulation systems, fiberglass mesh provides a stable base and ensures long-lasting performance. Its alkali resistance and non-corrosive nature make it suitable for both interior and exterior applications, contributing to the overall integrity of construction projects. Available in sizes 45 GSM, 60 GSM, 80 GSM, 110 GSM, 145 GSM & 160 GSM.

HDPE / PVC - TUBE / PIPE

- **HDPE (High-Density Polyethylene) tubes are reliable irrigation pipes used extensively in farming for water, cow dung and chemicals conveyance and drip/sprinkler systems.**
- **They offer exceptional durability resisting corrosion, UV, chemicals and abrasion and maintain performance in harsh environmental conditions over decades.**
- **Their high flexibility and leak-proof fused joints allow installation across uneven terrain with minimal fittings, reducing water loss and maintenance issues.**

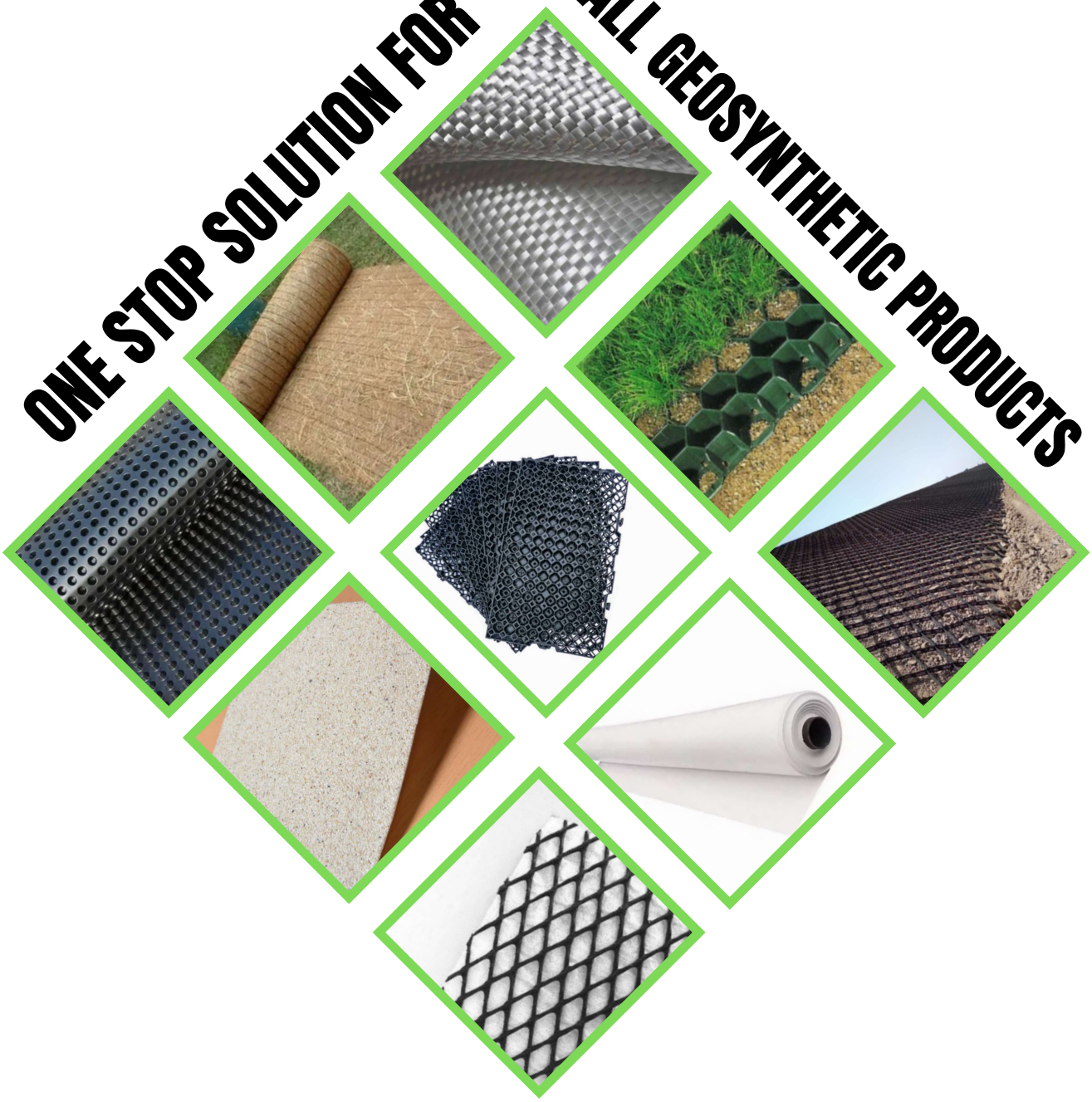
- **PVC (Polyvinyl Chloride) pipes are a lightweight, durable plastic piping solution widely used in buildings and roadway infrastructure for drainage, sewer, electrical conduit, and stormwater systems.**
- **They resist corrosion, chemicals, UV exposure, and abrasion, making them suitable for long-term underground use. Their smooth internal surface reduces fluid friction and prevents blockages, improving flow efficiency and reducing maintenance.**
- **PVC pipe is easy to cut and join with solvent welding or gasket systems, enabling fast, leak-proof installation with minimal labor.**

HEAT RESISTANT INSULATION BOARD

Heat insulation boards are rigid panels designed to reduce heat transfer, thereby enhancing energy efficiency in buildings. Common types include Polyisocyanurate (PIR), Extruded Polystyrene (XPS), and Expanded Polystyrene (EPS), each offering varying levels of thermal resistance and moisture resistance. These boards are widely used in walls, roofs, and floors, especially in areas requiring high thermal performance with limited space. They are lightweight, easy to install, and contribute to reduced heating and cooling costs.

SOME OF OUR PRODUCTS

ONE STOP SOLUTION FOR ALL GEOSYNTHETIC PRODUCTS



TEXTURA ENTERPRISES

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