

Sustainable Eco Friendly Landscape & Architectural Engineered Building Products Solutions & Applications

Green Roofs - Surface & Deck Drainage - Planters & Podiums - Turf & Soil Stabilization
Vertical Green Wall Gardens - Privacy Fence - Geo membrane fabric - Artificial Grass



PCP LANDSCAPES

Landscape Swimming Pool Water Feature Consultants

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Drain cells / Sub Soil Drain Boards

Draincell a structural drainage module manufactured from recycled plastics designed for sub-surface drainage where a high capture and discharge rate of water and high compressive strength is required.

Draincell is used in the construction of roof gardens, planter boxes, plaza decks, basements, pond filtration systems, concealed drains, pre-cast and in situ drains and sports fields.

Draincell provides a drainage cavity and, when used in a landscaped roof, it provides additional protection layer for the waterproofing membrane and eliminates the need for a gravel course.

Draincell modules are easily interlocked in the same plane or at right angles to one another. The modules may also be butted together without interlocking.



Typical details for Green Roofs



- 1 Plantation
- 2 Engineered Soil
- 3 Geo-textile Fabric
- 4 Drain cell
- 5 Water Proofing
- 6 Roofing
- 7 Drain Outlet

Implicated Areas

Roof Decks, Planter Boxes, Podium gardens
Landscapes decks & Slopes, Landfills Drains, Sports field, Pond Filtration, Agri & Horti, Floriculture, Sub-soil Drainage, Retaining Walls, Subfloors, Tunnels Drainage, Capillary Irrigation, Road & Highway Edge Drains, Landscape French Drains, Under drain system for High Ground water tables.

Draincell Specifications

	Drain cell 30 mm	Drain cell 20 mm	Drain cell 20 mm	Drain cell 20 mm	Drain cell 20 mm	Drain cell 13 mm
Dimensions (L x W)	500 mm x 250 mm	500 mm x 250 mm	500 mm x 500 mm	450 mm x 450 mm	500 mm x 250 mm	500 mm x 250 mm
Height (mm)	30 mm	20 mm	20 mm	20 mm	20 mm	13 mm
Weight (Grams per sq ft)	280 grams	200 grams	200 grams	210 grams	165 grams	135 grams
Material	100 % Re-cycled polypropylene					
Compressive Strength	> 138 tn/m ²	> 120 tn/m ²	> 120 tn/m ²	> 140 tn/m ²	> 85 tn/m ²	> 65 tn/m ²
Service Temperature	- 30 * C to 120 * C					
Biological Resistance	Unaffected by Moulds,Algae,Soil borne chemicals,Bitumens & Alkalis.					
Surface Void Area	> 67 %					
Internal Void Area	> 95 %					



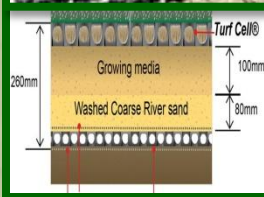
ECO-FRIENDLY LANDSCAPE & ARCHITECTURAL PRODUCTS

Turf Cell Paver / Grass Paver

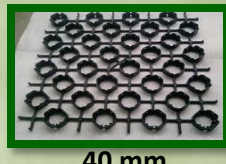
Grass pavers / Paving grids are a strong interlocking 100% recycled cellular porous plastic paving grid system for grass reinforcement, ground stabilization & gravel retention for regular trafficked surfaces (pedestrian and vehicles). These porous pavers can be installed with either a grass or gravel filled surface and These permeable pavers are manufactured in from 100% recycled polypropylene co-polymer and are strong, chemically inert & non-toxic. These paving provide a durable, safe and eco-friendly surface for trafficked areas.

These Grass grid paver is a cost effective solution to worn & rutted grassed areas, displaced gravel and for source control of surface water run-off.

Positioned under the grass surface, Grass Pavers distribute loads from traffic including vehicles and pedestrian to the base course below. This has the effect of minimizing grass and root compaction. In addition the interconnected cells allow roots to develop with minimal restriction resulting in a durable and stable grass surface which is able to withstand heavy loading. Grass Pavers enhance our environment by allowing the creation of stabilized and durable lush lawns which add to the quality and beauty of the environment.



Specifications for Grass Grid Pavers

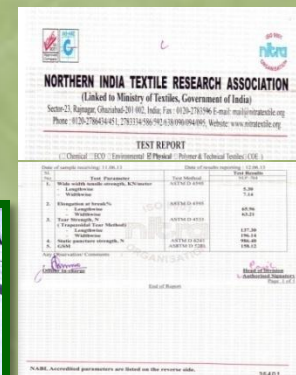
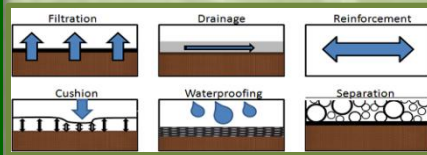


	40 mm	35 mm	25 mm
Dimensions (L x B)	500 mm x 500mm	500 mm x 500mm	500 mm x 500mm
Height	40 mm	35 mm	25 mm
Weight	372 grams/sq ft	335 grams/sq ft	298 grams/sq ft
Material	Re-Cycled Polypropylene Co-Polymer		
Compressive Strength	200 tons / m2	175 tons / m2	150 tons / m2
Service Temperature	- 30 * C to 120 * C		
Biological Resistance	Unaffected by Moulds,Algae,Soil borne chemicals,Bitumens & Alkalis.		

ECO-FRIENDLY LANDSCAPE & ARCHITECTURAL PRODUCTS

Non woven Needle Punched Geo-textile Membrane

Non woven geo textile membrane from 50 Gsm to 1500 Gsm. Material: Polypropylene / Color: White & Black / Non woven needle punched geo textiles /Excellent water flow rate and used for soil fines industries /Used for drainage and filtration in application of landscapes, soil stabilization, trenches, wrapping in perforated pipe line, soil erosion, road and railway construction etc...



NITRA Accredited parameters are listed on the reverse side.

35451

Imported Lattice or Trellis Privacy Sheets

Imported privacy lattice is perfect for privacy, shade or decoration and will enhance any home or garden. Using lattice you can create beautiful features around your home, garden or courtyard, simply and economically. It combines deep timber texture and warm rich colours. Lattice privacy panels can be curved to follow a garden contour and can be easily cut to create that special shape or design.

Lattice opens up opportunities for a whole world of beautiful and practical home and garden project ideas - fencing, privacy screens, patios, pergolas, etc.

It provides a high level of privacy without inhibiting your sense of space and is manufactured from polypropylene, one of the most durable polymers, which will ensure years of maintenance free outdoor life.



Deep Green



White



Smooth Cream



Heritage Red



Some of the benefits of our Plastic Lattice include:

*10 year Structural Warranty * Fade resistant * Maintenance free

- *Can be easily cut and shaped
- *Termite Proof
- * Will never need painting

*Non-toxic - Will never rot, rust, mildew, or come apart

ECO-FRIENDLY LANDSCAPE & ARCHITECTURAL PRODUCTS

Vertical Gardens / Green Wall Gardens

Vertical Garden - the Simplest, most Cost effective way to create a Vertical Garden...

Vertical gardening can be a part of every ones gardening experience. The modular system is simple and easy to use and can be tailored to fit any available space. The completely enclosed growing module with built in irrigation creates a very efficient way to grow plants vertically. Vertical gardening and green buildings have become the "in thing" as we all look to a greener future. Until now, vertical gardening systems have been very expensive, often engineered on a large scale. Vertical Garden offers landscapers and home gardeners alike an affordable solution to going vertical.

Any space can be brought to life with Vertical Garden.



ECO-FRIENDLY LANDSCAPE & ARCHITECTURAL PRODUCTS

Artificial Grass

Artificial Grass : The use of artificial grass in gardens and various types of green areas is becoming more and more common. Usually people are used to seeing artificial grass only at doorsteps, hallways, on the edges of pools, terraces etc. Now the materials make artificial grass more comfortable also in the garden, at green areas and parks. Artificial grass looks good and feels comfortable. It also suits well in places where taking care of a natural grass would be hard. You could create a lush of greenery anywhere indoor or outdoor, interior or exterior as well.

