

TurfPave® XD

Grass Paver



035 - 005
100% recycled
materials



Enhancing Our Environment

TurfPave® XD enhances our environment through the creation of stabilised and durable lawns.



TurfPave® XD

TurfPave® XD provides designers and developers with a grassed alternative to concrete and asphalt surfaces that is practical, aesthetically pleasing and environmentally friendly.

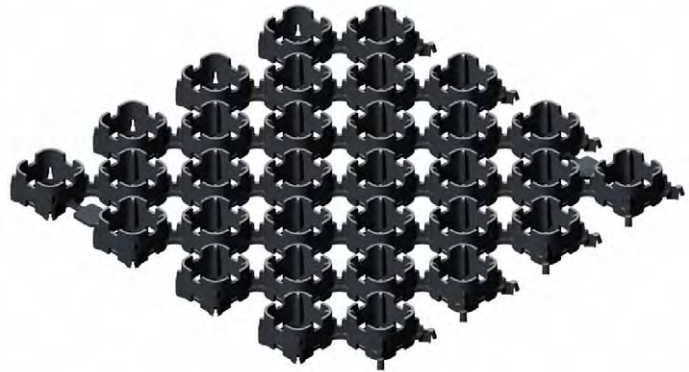
What is TurfPave® XD

TurfPave® XD is a lightweight plastic structure consisting of a network of cells manufactured from 100% recycled plastics designed to stabilize and support turf, grass or decorative gravel.

TurfPave® XD is used in the landscape, building and construction and environmental remediation industries.

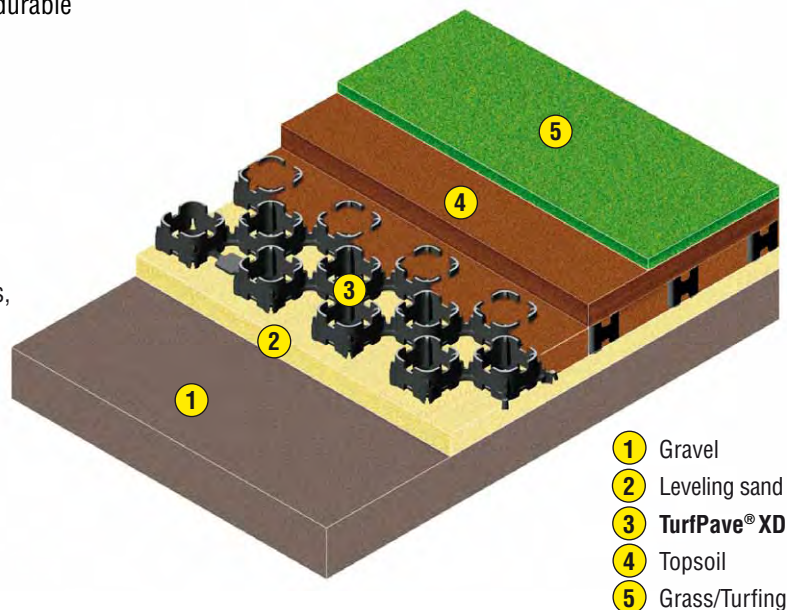
Positioned under the grass surface, TurfPave® XD distributes loads from pedestrian and vehicular traffic to the base course below, minimising grass and root compaction.

The interconnected cells of TurfPave® XD allow roots to develop with minimal restriction, resulting in a durable and stable grass surface.



Applications

- Emergency and firelane access
- Vehicle parking lots for commercial developments, homes, sports complexes, festival grounds, churches and more.
- Golf cart paths
- Street shoulder parking
- Racetrack infield and pit areas
- Drainage channels
- Slope stabilization and erosion control



TurfPave® XD modules securely interlock and conform to uneven surfaces



TurfPave® XD provides efficient turf stabilization on overflow car parking and pedestrian walkway areas

Installation Procedures

TurfPave® XD is easily assembled requiring no special tools. The product conforms to odd shapes or profiles, and excess cells may be trimmed with pruning shears.

- Prior to installation, calculate the area where **TurfPave® XD** is to be installed
- Excavate and/or level the area
- Install drainage systems, irrigation systems, and utility lines in the subgrade, as needed
- Lay and compact a sand and gravel road base or washed paving sand to provide support for projected weight-bearing loads
- Position **TurfPave® XD** cells on the compacted sand and gravel road base or paving sand
- Cover the **TurfPave® XD** cells with a recommended sand soil mix for turf establishment
- Apply recommended moisture, water retention agents and fertilizers
- Place sprigging or rolled turf, or hydro-seed onto the filled **TurfPave® XD** cells
- Implement regular maintenance schedules

Note: Installation may vary with different geographical locations.



TurfPave® XD effectively stabilizes decorative gravel



TurfPave® XD is approved for use on large fire truck areas



TurfPave® XD enables golf cart paths to blend into fairway areas



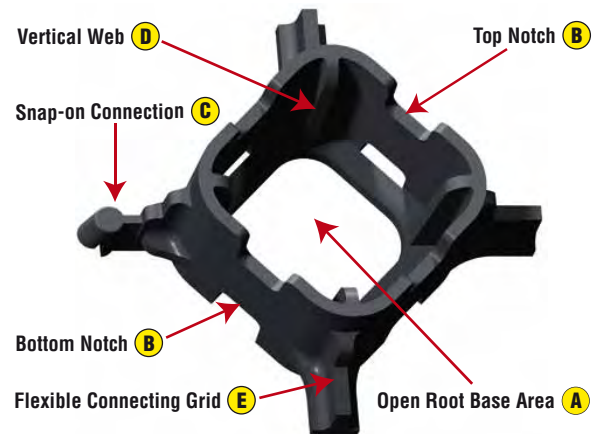
Stabilized turf at Sydney Academy of Sport

TurfPave® XD has international patents pending

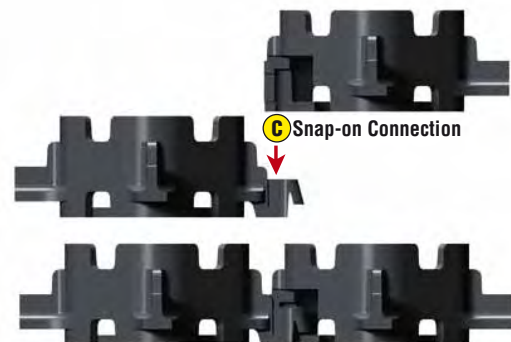
Advantages

- More than 90% unrestricted root base area **(A)**
- Taller cells enhance vigorous root development
- Top and bottom side notches **(B)** allow unrestricted runner and root growth
- Secure snap-on connection **(C)** ensures TurfPave® XD remains in place after installation
- Vertical webs **(D)** minimise girdling of roots by directing them downward
- High compressive strength - unfilled cells support loads >200 t/m²
- Flexible connecting grids **(E)** ensure modules conform to uneven surfaces
- Snap-on connections allow large panels to be pre-assembled off-site
- Rapid installation with minimal operator training and tools required
- Nesting **(F)** design halves storage and transport costs

Unique Features



Secure Locking



Simple and secure snap-on TurfPave® XD connection

Specifications

Module Size: 500 mm L x 500 mm W x 40 mm H

Material: Polypropylene

Colour: Black (other colours upon request)

Compressive Strength:

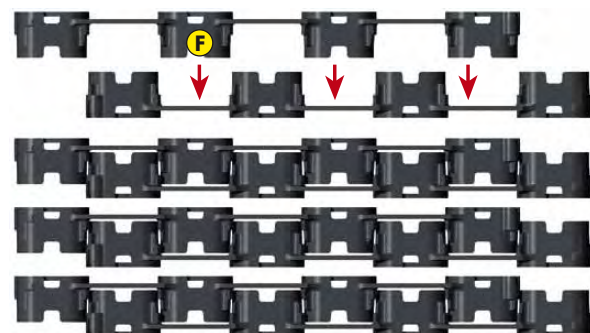
Unfilled > 200 t/m²

Sand Filled > 2,000 t/m²

Weight: ~ 4.3 kg/m²

Biological/Chemical Resistance: Unaffected by moulds and algae. Resistant to oils, acids, alkalis and bitumen

Saves on Transport & Storage Costs



TurfPave® XD nesting design saves on handling and transport costs

TurfPave® XD has international patents pending

Note: The information provided in this brochure is based on current knowledge and experience and does not infer any legally binding assurance or warranty, expressed or implied. Intending purchasers should verify whether any changes to specifications or applications or otherwise have been made since this literature was issued. The products in this brochure are manufactured using specified recycled plastics under detailed quality control standards and procedures. Whilst TurfPave® XD is designed for its intended use, the design calculations shall be the responsibility of the Specifier and/or User.



Singapore: +65 6356 2800

Australia: +61 2 9648 2073

www.elmich.com



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