TurfPave® Installation Procedures

Turf Establishment 5

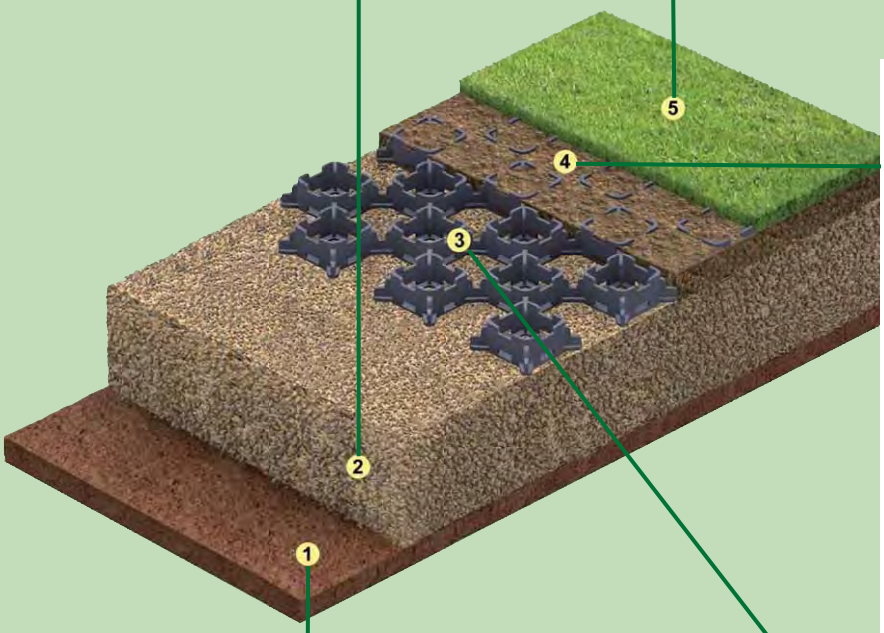
- Lay sprigs or rolled turf onto the sandy soil layer. Turfed areas should be protected from traffic except for emergency vehicles until the root system becomes established and anchored to the subgrade below the **TurfPave** cells.
- Use grass species that are hardy and suitable for local growing conditions. These include couch species, Kikuyu and Buffalo.

Hydroseeding

- Apply grass seed and mulch over the soil filled cells. Poorly germinated areas should be re-seeded immediately.

Base Course Preparation 2

- Lay down and compact a non calcareous free draining washed sand (80% 0.1-1.0mm diameter) or 1-5mm diameter gravel aggregate. As a guide install: 100mm for pedestrian walkways; 150mm for passenger vehicles and 250mm for heavy vehicles.



Growing Media 4

- Fill and cover the cells with an 80% sand and 20% organic sandy soil mix. Do not use clay or heavy loam soil mixes that can adversely affect turf establishment.
- Level off the surface and lightly compact the area using water sprayed evenly across the surface.
- The tops of the TurfPave cells must be covered with 5mm of the sandy soil mix if the area is to be turfed and by 15mm if the area is to be hydroseeded.
- Ensure that vehicles are not driven over newly installed TurfPave modules.

Sub-grade Preparation 1

- If necessary, excavate and level the area where **TurfPave** is to be installed. The excavated depth will depend upon the amount of compacted sand or gravel to be installed to meet design load specifications. See guide recommendations under the section Base Course Preparation 2
- Compact the excavated or levelled areas using a mechanical plate compactor or light compaction roller.
- Sub-surface drainage and irrigation systems and utility lines should be installed in the sub-grade. Disturbed areas should be lightly compacted after installation.

TurfPave Installation 3

- Place connected Turf Pave modules on the sand or gravel base course ensuring that the open cells are facing upwards.

Protection and Maintenance

- Seeded areas need to be protected from traffic, other than emergency vehicles, for a period of 6 to 8 weeks, or until the grass can tolerate traffic.
- Ensure regular watering, correct fertiliser applications and top soil dressings as needed.

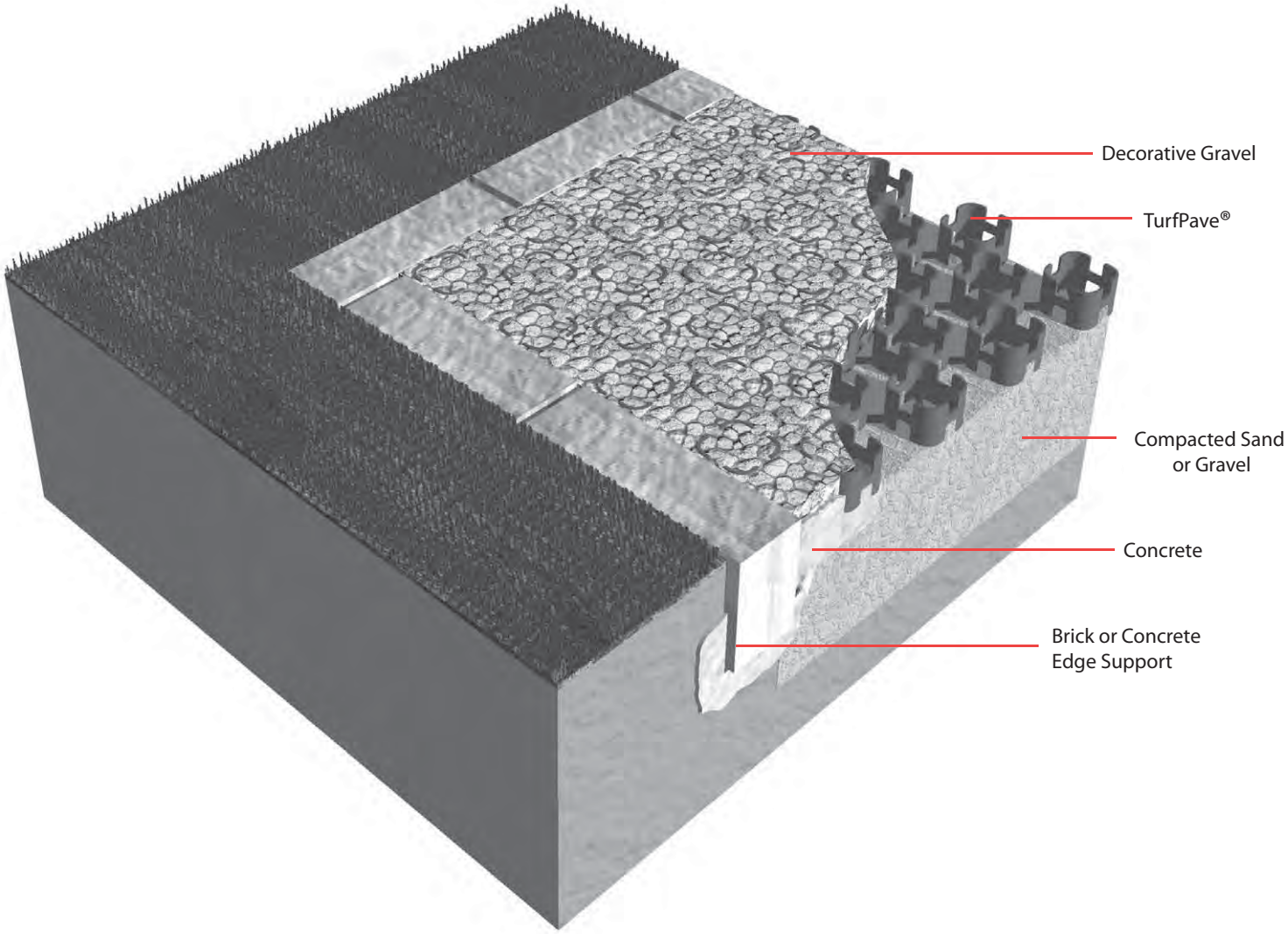
TurfPave modules securely interlock, conform to uneven surfaces and are easy to install

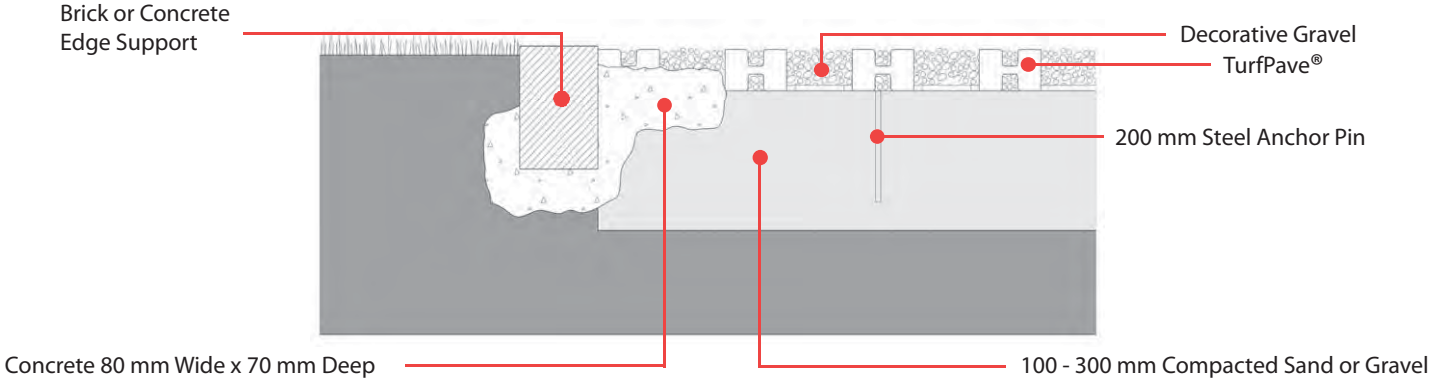
TurfPave in-filled with a free draining 80% sand and 20% organic mix promotes vigorous turf growth

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

TurfPave® GRAVEL CONTAINMENT

INSTALLATION PROCEDURES





TurfPave® GRAVEL CONTAINMENT
INSTALLATION PROCEDURES

Sub-grade Preparation

Excavate and level the area where TurfPave® is to be installed. The depth will depend upon the amount of compacted sand or gravel base to be applied to meet design load specifications. See guide recommendations under the section Base Course Preparation.

Compact the excavated or levelled area using a mechanical plate compactor or compaction roller.

Base Course Preparation

Lay down and compact washed sand or 2-5mm gravel base that meets road base construction specifications. The following is a guide to provide adequate support for projected weight bearing loads:
Pedestrians: 75 to 100 mm
Light vehicles: 100 to 150 mm
Trucks/heavy vehicles: 200-300 mm

TurfPave Gravel Installation

Excavate an 80 mm wide x 50 mm deep trench into the compacted sand or gravel base around the perimeter edges of the area where TurfPave® is to be installed.

Pour a 3:1 sand cement concrete mix into the excavated perimeter trench to a level of 20 mm above the surface of the compacted sand or gravel base.

Place connected TurfPave® modules on the compacted sand or gravel base ensuring that the open cells are facing upwards.

Press the TurfPave® modules into the wet concrete perimeter strips so that the cells are embedded to a depth of 20 mm.

Only pour sufficient concrete to minimize the possibility of the concrete setting prior to embedding the TurfPave® modules.

Cut wire sections measuring 4-5 mm diameter x 300mm long. Bend one end to form a 50mm J curve. Anchor the modules by pushing the wire pin through the hole at the center of the TurfPave® cell and hammer into the compacted sand or gravel base. Use four pins to anchor each square metre of installed TurfPave®

Fill the cells with decorative gravel, ensuring that the tops of the TurfPave® cells are covered. Level off the surface.

Protection and Maintenance

Ensure that vehicles are not driven over the perimeter areas for three days to allow the concrete to fully cure.

Apply more decorative gravel should the gravel compact and the cells become exposed.

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www.permathene.com

Permathene Ltd
(PO Box 71015)
404 Rosebank Rd
Auckland 1348
New Zealand

Tel: (02) 968 8888
Fax (02) 968 8890