



## Versatile Landscape Products

April 2009

### *In this edition...*

- How to create a stable, porous and aesthetically pleasing car park or driveway
- Overflow car park at the Sydney Academy of Sports makes use of TurfPave®
- Stabilised, free draining decorative gravel car parking areas installed by Toowoomba Council
- TurfPave® specified for the Sydney Missionary & Bible College car park

### **A green, water permeable alternative to an expanse of bitumen or concrete...**

**Elmich's TurfPave® enables you to create attractive turf or decorative gravel driveways, overflow car parks and more.**

Given the choice, many people would prefer the look of a grassed or decorative gravel driveway or car park over an unsightly concrete or asphalt one.

With the important issue of drainage to consider, a porous surface such as turf or gravel enables rainwater to infiltrate into the sub-grade mitigating flooding. Apart from the environmental benefits, allowing water infiltration means that developments are more likely to meet local planning water permeability guidelines, eliminating the need to install costly storm water management systems.



"Until now, it has been difficult to use turf in moderate use traffic areas, because of the problem of the earth being compacted, eventually killing the root system resulting in unattractive worn areas," said David Oliver, Elmich's Managing Director.

"This is where Elmich's TurfPave® delivers a great solution," he said. "It's installed under the turf surface and stabilises the soil, allowing rainwater to permeate and drain away."



Manufactured from recycled plastics, TurfPave's® high strength modules interlock and can accommodate heavy vehicle load requirements up to the latest generation fire engines.

"It's also highly practical because it can conform to uneven

areas making it simple to install and adaptable for use in many applications," said David.

TurfPave® has been installed in many public and private sector settings in recent years, including the Sydney Olympic Village, the Sydney Academy of Sports and in projects across Australia, New Zealand, South East Asia, the United Kingdom and the United States.

"TurfPave offers architects and developers a practical grassed alternative to concrete and asphalt driveways, parking lots and walkways and can avoid having to install costly storm water management systems associated with impervious surfaces such as bitumen, pavers or asphalt," said David.

**TurfPave® has many applications:**

- **Vehicle parking lots**
- **Emergency vehicle roads**
- **Golf courses**
- **Street shoulder areas**
- **Slope stabilization**

### ***TurfPave® at work***

#### **Grassed overflow car park at Narrabeen Sydney**

TurfPave® was recently specified for use by NSW Sport and Recreation for stabilising a 5,000 square metre overflow car park at the Sydney Academy of Sports at Narrabeen.



TurfPave® being installed at the **Sydney**

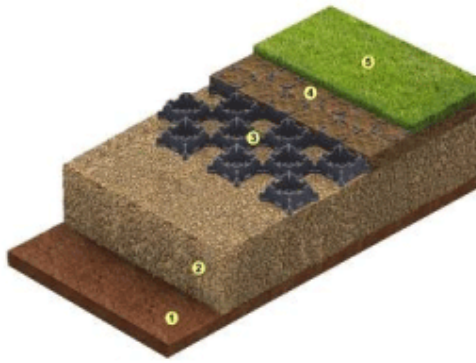


Modules were interlocked and positioned on a compacted free-draining gravel sub-base. The high strength flexible modules were covered with a sandy soil, over which turf was laid. The finished job is shown below.



TurfPave® can withstand vehicle usage and provides an attractive and effective alternative to impermeable hard

Academy of Sports (above).



surfaces.

**TurfPave® installation:**

1. Sub-base
2. Gravel
3. TurfPave®
4. Soil
5. Grass/turf

**TurfPave® specified for car park adjacent to sustainable housing development**



**Toowoomba Regional Council chose TurfPave® for a car park installation (above) that included a decorative gravel infill. This treatment also enables rainwater run-off to disperse through the gravel and subsoil.**

**TurfPave® stabilises gravel and facilitates water drainage**



At the **Sydney Missionary & Bible College** (left), JCa Landscape Architects specified TurfPave® for a car park installation. "We specified TurfPave® for this project because it provides an all weather vehicular trafficable surface whilst allowing 100% rainwater surface run-off absorption to the sub-grade. This assists in meeting site permeability ratios as required by local government planning codes," said John Chetham of JCa Landscape Architects.

"TurfPave® also offers the advantage of protecting trees adjacent to car parking bays by allowing water and oxygen to penetrate through to the feeder roots. Furthermore, it breaks up the mass of bitumen and concrete surfaces thus providing a softer appearance in the landscape," he said.

**[Click here for TurfPave brochure](#)**

To find out how TurfPave® can deliver a greener solution for your next landscaping project;

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or  
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