

TECHNICAL DATASHEET

TECHPAVE R

PRODUCT SPECIFICATION TECHPAVE-R

Techpave-R is manufactured from 100% recycled polyolefins and provides a lightweight ground reinforcement system for grass and gravel stabilization. This type of surface helps to reduce the risk of potholes, rutting or grass damage.

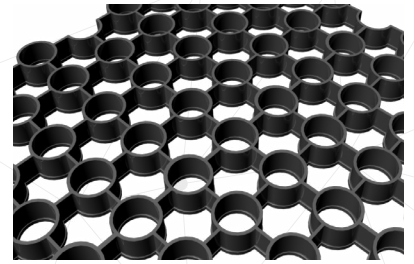
Techpave-R has been designed to support healthy grass growth, providing a minimum of 3.2cm of available height to allow the grass sufficient height in which to grow.

The system provides a lightweight strong structure making it easy and quick to install and suitable for a wide range of applications including, paths, driveways, car parking and access routes.

Techpave-R offers unimpeded flow to surface water, reducing the rate of run-off and potentially saving the costs of drainage installation. Techpave-R can be effective in: minimising water run-off quantity, Improving water quality, Providing clean water for biodiversity

Techpave-R porous paving grids are connected by a patent pending interference structure and installed on a porous base course. Their role is to transfer loads from the surface to the engineered course base below.

- Fully compliant with new planning requirements surrounding driveways to the front of properties
- Environmentally friendly
- Prevents Erosion and wear on footpaths
- Interference connections create stronger inter-grid unions
- Strengthens grassed areas
- Minimal dimensional change due to temperature
- Resistant to water, corrosion and cracking
- Holds gravel and prevents rutting
- Strong geometric design ensures high compression strength



APPLICATIONS

- Green parking
- Emergency vehicle access
- Temporary and permanent roadways
- Quick fit shed bases
- Embankments
- Green roofs
- Driveways
- Tree beds
- Golf walkways
- Caravan parking
- Ménages
- Hard standing

PRODUCT SPECIFICATION	TECHPAVE-R
DIMENSIONS	330 X 330 X 40MM (SUPPLIED IN 3 X 3 SECTIONS)
WALL THICKNESS, WALL HEIGHT	3MM, 40MM
WEIGHT PER TILE	0.57KG
WEIGHT PER M ²	5.13KG
NATURAL STABILITY	TEMPERATURE RANGE -50°C UP TO 90°C
DIMENSIONAL CHANGES	APPROX. 0.5% (AT A STANDARD TEMPERATURE +20°C UP TO 80°C)
HUMIDITY ABSORPTION	0.01%
ENVIRONMENTAL COMPATIBILITY	HARMLESS, GROUNDWATER NEUTRAL, WEATHERPROOF AND UV RESISTANT
SOLUBILITY	RESISTANT AGAINST ACID AND LEACHING, ALCOHOL, OIL AND PERTROL (STREWING SALT, AMMONIA, ACID RAIN ETC.)
INSTALLATION	100M ² PER PERSON PER HOUR

ENVIRONMENTAL BENEFITS:

- Suds compliant, Techpave-R porous paving with grass or gravel can improve project ratings in accordance with BREEAM and the code for sustainable homes
- When laid, Techpave -R offers excellent water permeation through the surface. It reduces the potential for clogging compared to an in situ concrete paving system
- Durable, non-rotting and weather resistant with an expected product life in excess of 10 years.
- The lightweight interlocking profile design enables ease and speed of installation. Optimal laying time is 100m² per person per hour onto a prepared base
- Low maintenance and cost effective

REGISTERED OFFICE ADDRESS

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1. TCS Geotechnics Ltd reserves the right to alter product specifications without prior notice.
2. It is the responsibility of all users to satisfy themselves that the above data is current.
3. The above figures are average values obtained from testing to current EN ISO standards
4. TCS Ltd cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
5. Installation details are available on request.

