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.

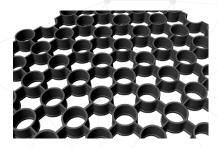
The system provides a lightweight strong structure making it easy and quick to install and suitable for a wide range of applications including, paths, driveways, car parking and access routes.

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	100M² 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
- 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.



