

ProPave® Paving Geotextile

Needle punched Polyester (PET) Paving Geotextile

Exceptional stress absorption and moisture barrier benefits in road seals



Product Information

ProPave® Paving Fabric is a high temperature resistant needle punched Polyester (PET) nonwoven geotextile utilised primarily in the maintenance, rehabilitation and new construction of road pavements.

ProPave® Paving Fabric can be incorporated with a bitumen sprayed seal to create a Geotextile Reinforced Seal (GSR) system or installed as an bitumen impregnated asphalt interlayer for stress-relief and waterproofing functions. ProPave® Paving Fabric is expectational in mitigating crack reflection and preventing the ingress of moisture into the road pavement. It helps improve pavement performance and extends the life span of the pavement.

Applications

- Complimenting bitumen sprayed seals for wearing surfaces and/or moisture barrier layer within the structural profile on local, highway and airport pavements
- Beneath asphalt overlays
- Deep-lift asphalt interlayer

ProPave® Paving Geotextile

Features

- Allows for optimum protection against moisture ingress and crack mitigation.
- Creates a stress absorbing interlayer to help control the progression of reflective cracks.
- Increases the flexibility of the pavement system.
- Improves pavement performance and extends the road service life.
- Reduces future maintenance activities and the associated costs.
- Large range available and easy to install, thereby reduces time and labour costs.



Product Data Sheet

Product Grade

Tensile Properties	Standard	Units	AS140P	AS180P
Wide Strip Tensile Strength	AS 3706.2	kN/m	≥ 7.0	≥10.0
Wide Strip Elongation	AS 3706.2	%	40 - 70	40 - 70
G Rating	AS 3706.4 and AS 3706.5	-	≥ 950	≥ 1100

Bitumen Retention Properties	Standard	Units		
Bitumen Retention (Class 170)	ASTM D6140	l/m ²	≥ 0.9	≥ 1.1

Physical Properties	Standard	Units		
Polymer		-	Polyester	Polyester
Melting Point	ASTM D276 or ASTM E794-06	°C	> 250	> 250
Mass	AS 3706.1	g/m ²	140	180
Thickness	AS 3706.1	mm	≥ 0.8	1.8
Standard Roll Size*	ASTM D276 or ASTM E794-06	m	4 x 300	4 x 200
Nominal Roll Mass		kg	150	150

*Roll widths and lengths may be varied to suit the paving application. Typically roll widths between 2m and 4.5m as well as roll lengths between 100m and 300m may be supplied. Product is supplied on plastic inner cores to minimise damage.

About Us

Leaders in Geosynthetics

Global Synthetics is a 100% Australian-owned company, proud to offer a complete range of high-quality geosynthetic products backed by over 200 years of combined staff experience in the industry.

We have supplied products to some of the largest recent infrastructure works in Australia. Global Synthetics provides major benefits to any geotechnical engineering project with the right products and our technical expertise.

Global Synthetics products are used in the following applications:

- Pavement Stabilisation
- Ground Improvement
- Soil Reinforcement and Retaining Structures
- Water Management
- Drainage Systems & Hydraulic Works
- Landfills
- Coastal Erosion Structures

Get in Touch

AUSTRALIA

Website

globalsynthetics.com.au

Email

info@globalsynthetics.com.au

New South Wales

(02) 9725 4321

North Qld

(04) 5921 1692

Victoria/Tasmania

(03) 9791 1772

Queensland

(07) 3865 7000

South Australia

(08) 8384 8894

Western Australia

(08) 9459 4300

NEW ZEALAND

Website

globalsynthetics.co.nz

Email

info@globalsynthetics.co.nz

Auckland

0800 510 120

Christchurch

0800 510 120



All information provided in this publication is correct to the best knowledge of the company and is given out in good faith. The information presented herein is intended only as a general guide to the use of such products and no liability is accepted by Global Synthetics Pty Ltd for any loss or damage however arising, which results either directly or indirectly from the use of such information. Global Synthetics Pty Ltd have a policy of continuous development so information and product specifications may change without notice.



Global Synthetics
LEADERS IN GEOSYNTHETICS