



ACCESSORY
PRODUCTS

APPLICATIONS

ROOFS

GEOLAND PP FR 100

TECHNICAL DATA SHEET

ANZ-TDS-62-GEOLAND PP FR 100

DESCRIPTION

GEOLAND PP FR 100 geotextile range is a 100% polypropylene staple filament that is highly needed for the use of a wide range of geotechnical applications including separation, protection, filtration and drainage procedures.

GEOLAND PP FR 100 non-woven geotextile is manufactured according to ISO 9001 quality standards.

FIELD OF APPLICATION

- Separation: To prevent the transfer of particles between different layers. It prevents the contact between non compatible materials. It acts as permeable barrier only for water between soils of different structures.
- Protection: It provides puncture resistance to waterproofing membranes.
- Filtration and drainage: Transversal permeability allows the passage of the water through the material whilst retaining small particles.

INSTALLATION PROCEDURE

INSTALLATION

- GEOLAND PP FR 100 is loose laid without tension and must be free from folds and wrinkles; place in direct contact with the substrate avoiding any gaps or voids between the substrate and the geotextile. Continuity between sheets is maintained by simple overlap, seams or thermo-welding.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PROPERTIES

PROPERTIES	TEST METHOD	GEOLAND PP FR 100
Thickness	AS 3760.1	1.1 mm
Wide Width Tensile Strength (MD/CD)	AS 3760.2	5.0/6.0 kN/m ²
CBR Puncture Resistance	AS 3760.4	1250 N
Trapezoidal Tear Strength (MD/CD)	AS 3760.3	160/170 N
Grab Tensile Strength (MD/CD)	AS 2001.2.3.2	320/350 N
G Rating	Austrroads / VicRoads	>850
Pore Size Distribution	AS 3760.7	<200 Micron
Flow Rate (10cm Constant Head)	AS 3760.9	>250 L/m ² /sec
UV Resistance	AS 3706.1	>50%

STORAGE AND HANDLING

Rolls must be stored in the delivery packaging, in a dry and protected environment.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative and/or the contractor are responsible for checking the suitability of products for their intended use.



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