

# GEOLAND PP FR 200

TECHNICAL DATA SHEET

ANZ-TDS-63-GEOLAND PP FR 200



ACCESSORY PRODUCTS

APPLICATIONS

ROOFS

GREEN ROOFS

PLANTER BOXES

## DESCRIPTION

GEOLAND PP FR 200 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 200 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 200 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 200
Wide Strip Toughness	AS 3706.2-12	4 kJ/m <sup>2</sup>
Wide Strip Tensile Strength	AS 3706.2-12	14 kN/m
CBR Burst Strength	AS 3706.4-12	1250 N
Trapezoidal Tear Strength	AS 3706.3-12	345N
Grab Tensile Strength	AS 3706.2-12	850 N
G Rating	Austrroads	2450
Pore Size (95)	AS 3760.7	<90 Micron
Flow Rate (10cm Constant Head)	AS 3760.9	>180 L/m <sup>2</sup> /sec
UV Resistance	ASTM D4355	70%

## 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 is responsible for checking the suitability of products for their intended use.



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1/1