GEOLAND PT FR 100

ACCESSORY PRODUCTS

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET

ANZ-TDS-62-GEOLAND PT FR 100

DESCRIPTION

GEOLAND PT FR 100 is a continuous filament non-woven geotextile made from highly durable virgin polyester fibres, which are resistant to all naturally occurring soil acids and alkalis. The textile is formed through needle punching, and it is suitable for use in roofs, roads & rail work, as a separation layer, drainage layer, protection layer and filtration works.

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

FIELD OF APPLICATION

- Separation: Prevents the transfer of particles between different layers, avoiding the contact between non compatible materials. It acts as a 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

- GEOLAND PT 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 or seams.

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

PROPERTIES

PROPERTIES	TEST METHOD	GEOLAND PT FR 100
RMS R63 / TMR MRTS27 Class:	-	A
Length	-	250 m
Width	-	2, 3, 4 ,6 m
TYPICAL MECHANICAL PROPERTIES Q VALUE		
Grab Tensile Strength (MD/TD)	AS 3706.2B	700/700 N
Trapezoidal Tear Strength (MD/TD)	AS 3706.3	300/300 N
CBR Burst Strength	AS 3706.4	1850 N
G Rating	Austroads	1200
Grab Elongation	AS 2001.2.3	>50 %
UV Resistance	AS 3706.11	50 %
TYPICAL HYDRAULIC PROPERTIES MEAN		
Pore Size	AS 3706.7	<120 µm
Permitivity	AS 3706.9	2.5 s^{-1}
Nominal Flow Rate @ 100mm Head	AS 3706.9	250 L/m²/sec

STORAGE AND HANDLING

GEOLAND PT FR 100 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.