

ENVIROFORCE®

S1500

Environmental Protection Geotextile

EnviroForce® Environmental Protection Geotextile is a black non-woven geotextile specifically designed for temporary lining of spillways, channels, drains and covering earth bunds.

TECHNICAL DATASHEET	G 030 005
ISSUE NUMBER	05
DATE	MAY 2022

PROPERTIES	STANDARD		UNIT	VALUE
MECHANICAL				
Grab Tensile Strength	AS2001.2.3.2	T	N	200/250
Grab Elongation	ASTM D-4632	T	%	50
CBR Puncture	AS 3706.4	T	N	560
Puncture Strength	ASTM D-4833	T	N	120
HYDRAULIC PROPERTIES				
Water Flow Rate	ASTM D-4491		L/s/m ²	≥60
Permittivity	ASTM D-4491		Sec-1	1.2
Apparent Opening Size (AOS)	ASTM D-4751		mm	0.12
DURABILITY				
UV Resistance (Retained @ 500 Hours)	ASTM D-4355		%	70
PHYSICAL IDENTIFICATION PROPERTIES				
Mass per Unit Area	ASTM D-5261		g/m ²	140

(T: Typical Roll Value)

APPLICATIONS

- Lining spillways
- Lining channels/drains
- Covering bunds
- Covering stock piles

DISCLAIMER

The 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 Cirtex Industries Ltd for any loss or damage however arising, which results either directly or indirectly from the use of such information. Cirtex Industries Ltd has a policy of continuous development so information and product specifications may change without notice.



This product has been manufactured under the controls established by a Bureau Veritas certification approved management system that conforms with ISO 9001:2015. Bureau Veritas Certification certificate number NZ001832-2