

# TECHNICAL DATASHEET

# POWERSCRIM 400(0.4mm RPE)

## PRODUCT DESCRIPTION

A range of reinforced geomembranes, suitable for a variety of applications, including attenuation tanks, pond and lake linings and permeable paving lining.

Available in roll form or in pre-fabricated panels up to 32m x 300m



PROPERTIES	VALUES
PHYSICAL FORM	WOVEN HDPE COATED ON BOTH SIDES WITH LDPE FILM
ROLL/PANEL DETAIL	366cm WIDE x 914m LONG ROLLS OR PRE-WELDED PANELS UP TO 32m wide x 300m LONG
WEIGHT (ASTM D5261)	244gsm/m <sup>2</sup> (+/-5%)
TENSILE PROPERTIES (ASTM D6693/D6693M-04(2015)e1)	3.0%
BREAK STRENGTH	MD - 25.9 N/mm CD - 20.4 N/mm
BREAK ELONGATION	MD - 18% CD - 20%
PUNCTURE RESISTANCE (ASTM D4833/D4833-07(2013)e1)	557 N
TEAR RESISTANCE (ASTM D1004-13)	MD - 74 N CD - 71 N
ACCEL. UV WEATHERING (ASTM G154)	>90% AFTER *2000hrs exposure
COLOUR	BLACK/WHITE

MD = Machine Direction, CD = Cross Direction

\*QUV A-340 lamps 8hrs @ 60°C, 4hrs condensation @ 40°C

The test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications.

1. TCS Geotechnics is a trading name of Technical Civils Solutions Ltd.
2. TCS Geotechnics Ltd reserves the right to alter product specifications without prior notice.
3. It is the responsibility of all users to satisfy themselves that the above data is current.
4. The above figures are average values obtained from testing to current EN ISO standards.
5. TCS Ltd cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
6. Installation details are available on request.

### REGISTERED OFFICE ADDRESS

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