

TECHNICAL DATASHEET

TECHMAT CN400

PRODUCT DESCRIPTION

Techmat CN400 is 100 % coir twisted yarn weighing 400 g/m² woven into a net matting with a durability of Approx. 2-4 years and typically used on slopes of 1:2 - 1:1.

1. **PRODUCT CATEGORY:** Rolled Erosion Control Blanket
2. **PRODUCT DESCRIPTION:** Coir Yarn 400gsm
3. **TYPICAL APPLICATIONS:** Erosion Control
Re-Vegetation
Stream Bank Stabilisation
Soil Erosion Control
River Embankments
Landscaping



CHARACTERISTICS	STANDARD	UNIT	VALUE
MATERIAL			100% COIR FIBRE
DIMENSIONS		m	WIDTH 2m LENGTH 50m
THICKNESS	ASTM D 5199	mm	5.0 mm
APPARENT OPENING SIZE	ASTM D 4751	mm	35mm X 32mm
MASS	ASTM D 5261	gsm	409g
TENSILE STRENGTH DRY	ASTM D 4595	kN/m	MC - 8.0 CROSS MC - 8.4
TENSILE STRENGTH WET	ASTM D 4595	kN/m	MC - 8.2 CROSS MC - 8.7
ELONGATION AT BREAK (DRY)	ASTM D 4595	%	MC - 28 CROSS - 27
ELONGATION AT BREAK (WET)	ASTM D 4595	%	MC - 30 CROSS - 30
GRAB ELONGATION	ASTM D 4632	%	MC - 23 CROSS - 19
OPEN AREA		%	68% CALCULATED

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 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.

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