

TECHNICAL DATASHEET

TECHMAT CN700

PRODUCT DESCRIPTION

Techmat CN700 is 100 % coir twisted yarn weighing 700 g/m² woven into a net matting with a durability of Approx. 3 - 5 years and typically used on slopes of 1:2 - 1:1.



1. **PRODUCT CATEGORY:** Rolled Erosion Control Blanket
2. **PRODUCT DESCRIPTION:** CY7 - Coir Yarn 700gsm
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	9.2mm
APPARENT OPENING SIZE	ASTM D 4751	mm	25mm X 25mm
MASS	ASTM D 5261	gsm	720g
TENSILE STRENGTH DRY	ASTM D 4595	kN/m	MC - 9.5 CROSS MC - 8.2
TENSILE STRENGTH WET	ASTM D 4595	kN/m	MC - 8.7 CROSS MC - 8.5
ELONGATION AT BREAK (DRY)	ASTM D 4595	%	MC - 26 CROSS - 26
ELONGATION AT BREAK (WET)	ASTM D 4595	%	MC - 27 CROSS - 27
GRAB ELONGATION	ASTM D 4632	%	MC - 26 CROSS - 26
OPEN AREA		%	50% 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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