

TECHNICAL DATASHEET

TECHMAT CB350J

PRODUCT DESCRIPTION

350gsm, Top And Bottom Jute Net with Cotton thread

Techmat CB350J consists of 100 % untreated coir (approximately 350gsm) stitched between a jute netting with a cotton thread used for the stitching. The Techmat CB350J offers 100% soil coverage when laid in accordance with the installation guidelines. Due to being made of completely natural fibres the whole blanket will break down within a 6 – 12 month period, offering organic materials to the soil allowing the vegetation to establish.

Techmat CB350J is typically used on Slopes 1:1.5 ;1:1 or steeper.



CHARACTERISTICS	STANDARD	UNIT	VALUE
MATERIAL			COIR FIBRE, JUTE NET AND JUTE THREAD 100% BIO DEGRADABLE
DIMENSIONS		m	WIDTH UP TO 2.4m LENGTH UP TO 50m
THICKNESS	ASTM D 5199	mm	6-7mm
MASS	ASTM D 5261	g	350g
TENSILE STRENGTH DRY	ASTM D 4595-86	kN/m	MC - 2.8 CROSS MC - 1.8
TENSILE STRENGTH WET	ASTM D 4595-86	N	MC - 2.7 CROSS MC - 1.8
GRAB BRAKING LOAD	ASTM D 4632-91	N	MC - 97 CROSS MC - 58
FLOW VELOCITY	ASTM D6460	m/s	2.74

BENEFITS

- Promotes vegetation growth
- Adds organic material to insert soils
- Water absorption in low rain areas
- Mulching effect-Prevents topsoil from drying out
- 100% natural biodegradable fibres
- High tensile strength
- High tear resistance
- Easy to install
- Follows the contours of the soil surface
- Degrades over 6-12 months

TYPICAL APPLICATIONS

- Erosion Control
- Re-Vegetation
- Stream Bank Stabilization
- Soil Erosion Control
- River Embankments
- Landscaping

INSTALLATION

Vegetation Establishment - Seeding can be undertaken prior to blanket installation and seedlings can grow up through the blanket. Alternatively seeding can undertake after installation and sown on to the blanket.

Hydro seeding is also an effective seed application method over large areas and will provide further support for vegetation growth. Wildflower and aquatic plants and shrubs can be inserted through the coir mesh after installation and the blanket will provide support to vegetation establishment.

Overlapping and Anchorage –Sufficient overlap and anchorage is the key to the success of erosion control blanket products. Trenches at the top and bottom of the slope must be back filled and pegged to ensure good anchorage.

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.

REGISTERED OFFICE ADDRESS

Units 2 & 5 Tetbury Close
Martland Industrial Park
Wigan
Greater Manchester
WN5 0LA

