

# TECHNICAL DATA SHEET

## TEXEL GVG COCO & STRAW BIO

<b>Product</b>	Natural fibers erosion control mat
<b>Composition</b>	Coconut and/or straw fibers with jute net
<b>Main Function</b>	Protection

Property	Test Method	STRAW 2F BIO	STRAW-COCO 2F BIO	COCO 2F BIO
<b>Physical</b>				
Fibers	-	Straw	70% straw and 30% coco	Coco
Surface weight ( $\pm 10\%$ )	ASTM D6475	0.23 kg/m <sup>2</sup>	0.32 kg/m <sup>2</sup>	0.31 kg/m <sup>2</sup>
Thickness	ASTM D6525	7.67 mm	8.41 mm	7.47 mm
Biodegradable net opening	-	25.4 mm x 12.7 mm		
Light penetration	ASTM D6567	17.4%	17.7%	19.4%
Germination improvement	ASTM D7322/ ECTC 4	539%	384%	496%
<b>Mechanical</b>				
Tensile Strength (MD x CD)	ASTM D6818	3.69 kN/m x 2.30 kN/m	2.73 kN/m x 2.12 kN/m	5.22 kN/m x 2.48 kN/m
Max Elongation (MD x CD)	ASTM D6818	15.7% x 14.4%	9% x 13.3%	3.2% x 4.3%
Shear resistance	-	84 Pa	96 Pa	108 Pa
<b>Hydraulic</b>				
Water absorption	ASTM D1117/ECTC	410%	385%	334%
Max velocity	-	2.1 m/s	2.6 m/s	2.7 m/s
<b>Dimensions</b>				
Width	-	2.4 m		
Length	-	34.3 m		

This technical information was provided by the manufacturer and transcribed by Texel.  
 Properties are based on typical values.  
 All these products are 100% certified free of seeds or other materials that may introduce new species of native plants.  
 The values listed are values obtained at the time of manufacture. Handling and storage conditions may change some properties.

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Texel reserves the right to modify existing properties contingent on the evolution of technical knowledge. Each user is invited to verify if this document represents the most recent update. Texel offers no guarantee and assumes no responsibility regarding usage, installation and/or convenience of usage. Texel must be informed of all product nonconformity prior to installation. Responsibility is limited to replacement of non-compliant or defective product.