



TeMa – CELL

Functions: Slope Protection, Channel Linings, Ground Stabilization, Erosion Control, Embankment Protection and Retaining Walls

STRUCTURE: TeMa-CELL is an expandable “honeycomb” geocell system made from coated polypropylene slit- film woven tape and available in a variety of cell heights.

BASE MATERIAL

Material Composition	Coated Polypropylene woven tape material		
Colour	White		
Thickness	Under 2kPa	0.6 mm	SANS 10221:2007
Mass		0.19 kg/m²	SANS 10221:2007
Tensile Strength	Load	26 kN/m	SANS 10221:2007
	Elongation	21 %	

PANEL SECTIONS

Mass	Height*	75mm	4.6 kg / panel	SANS 10221:2007
		100mm	6.0 kg / panel	
		150mm	9.2 kg / panel	
		200mm	12.1 kg / panel	
Seam Strength	Load	6kN/m		SAN 10221:2007
	Elongation	15%		
Cell Size**	Nominal	212mm x 212mm (diagonal: 300mm x 300mm)		
Panel Size**	Nominal	3m x 10m per panel 0.65m x 0.65m (packed)		
Panel Border		Available on request		
Sidewall Perforations		Available on request		

* Represents the Standard product heights. Other heights are available on request

** Custom cell sizes and panel dimensions can be made to order



The information given in this datasheet is to the best of our knowledge true and correct. TeMa SA reserves the right to change its product specifications at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for the design and procurement purposes are current and consistent with the products used in each instance.

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