

# TerraBlankets - Technical Information

Erosion Control Blankets **with** seeds

	Type TBS-100-P-S		Type TBS-100-J-S		Type TBSC-50-P-S		Type TBSC-50-J-S		Type TBC-100-P-S		Type TBC-100-J-S	
Fibre	straw/hay		straw/hay		Straw/hay - coir		straw/hay - coir		Coir		Coir	
Fiber Content (%)	100%		100%		50% - 50%		50% - 50%		100%		100%	
Width (meter)	1,20	2,40	1,20	2,40	1,20	2,40	1,20	2,40	1,20	2,40	1,20	2,40
Length (meter)	35	30	35	30	35	30	35	30	35	30	35	30
Area (square meter)	42	72	42	72	42	72	42	72	42	72	42	72
Weight per Roll (kg)	13	22	17	29	13	22	17	29	13	22	17	29
Weight / Total (gr./m <sup>2</sup> )	330 - 360		400 - 430		330 - 360		400 - 430		330 - 360		400 - 430	
Weight / Fiber (gr./m <sup>2</sup> )	270 - 300		370 - 400		270 - 300		370 - 400		270 - 300		370 - 400	
Weight / Seedmix (gr./m <sup>2</sup> )	35		35		35		35		35		35	
Weight / Paper layer (gr./m <sup>2</sup> )	30		30		30		30		30		30	
Functional Longevity (months)	~ 12		~ 12		~ 18 – 24		~ 12		~ 30 - 36		~ 12	
Top + Bottom Netting Type	PP		Natural		PP		Natural		PP		Natural	
Top + Bottom Netting Size	9x9 or 12x13 mm		----		9x9 or 12x13 mm		----		9x9 or 12x13 mm		----	
Top + Bottom Netting Weight	5-7 gr./m <sup>2</sup>		48 gr./m <sup>2</sup>		5-7 gr./m <sup>2</sup>		48 gr./m <sup>2</sup>		5-7 gr./m <sup>2</sup>		48 gr./m <sup>2</sup>	
Stitching thread	6,5 cN/dtex		6,5 cN/dtex		6,5 cN/dtex		6,5 cN/dtex		6,5 cN/dtex		6,5 cN/dtex	
Slope recommendation	3:1 – 2:1		3:1 – 2:1		2:1 – 1:1		2:1 – 1:1		1:1 or >		1:1 or >	
<b>ASTM Standards</b>												
D4595 Tensile Strength (kg/m)	54 x 21		54 x 21		60 x 30		54 x 21		100 x 43		54 x 21	
D4595 Elongation (%)	44 x 26		44 x 26		36 x 30		36 x 30		34 x 20		34 x 20	
D4491 Flow Velocities, Short term	2,74 m/s		2,74 m/s		3,04 m/s		3,04 m/s		4,26 m/s		4,26 m/s	
Max Permissible Shear Stress	850 gram/m <sup>2</sup>		850 gram/m <sup>2</sup>		900 gram/m <sup>2</sup>		900 gram/m <sup>2</sup>		1100 gram/m <sup>2</sup>		1100 gram/m <sup>2</sup>	
„n“ value Roughness Coefficient	0,019		0,019		0,018		0,018		0,014		0,014	

Stitching: All Blankets 4cm centers

Thread: PP-thread colour brown (UV-degradable) – special bio-degradable jute-thread also available on request for jute-meshed types

Fibre: All straw blankets contain German's finest quality agriculture straws. Terra Blankets uses the highest quality coconut fibre available in our blankets

The specifications presented herein are to the best of our knowledge true and accurate. Terra Blanket cannot guarantee or warranty our products, unless agreed to in writing for specific conditions, for performance since the manner of handling, use and installation are beyond our control.

We cannot warrant our products to perform under unlimited circumstances due variables such as soil conditions, manner of installation and particularly severe weather conditions. Satisfactory results may not meet your expectations. No one can guarantee that required moisture will occur to permit growth after seed germination. We will not be liable for damages or losses, direct or indirect, of our Terra Blankets Range of Products due to the above reasons.

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