

	TYPE 1		TYPE 1B		TYPE 2		TYPE 2B		TYPE 2H		TYPE 3		TYPE 3B		TYPE 3H	
Fiber	Straw		Straw		Straw/Coir		Straw/Coir		Straw/Coir		Coir		Coir		Coir	
Fiber Content (%)	100%		100%		50% - 50%		50% - 50%		50% - 50%		100%		100%		100%	
Width (meter)	2,40	1,20	2,40	1,20	2,40	1,20	2,40	1,20	2,40	1,20	2,40	1,20	2,40	1,20	2,40	1,20
Length (meter)	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Area (square meter)	36	18	36	18	36	18	36	18	36	18	36	18	36	18	36	18
Weight per Roll (kg)	70	35	74	37	70	35	74	37	70	35	70	35	74	37	70	35
Weight total (g/m2)	1950		2050		1950		2050		1950		1950		2050		1950	
Weight Fiber (g/m2)	420		420		420		420		420		420		420		420	
Weight Seed Mixture (g/m2)	30		30		30		30		30		30		30		30	
Weight Mulch layer (g/m2)	100		100		100		100		100		100		100		100	
Weight Seed Retaining Paper (g/m2)	30		30		30		30		30		30		30		30	
Organic Fertilizer g/m2	80		80		80		80		80		80		80		80	
Weight Substrate Soil TKS-1 (g/m2)	1300		1300		1300		1300		1300		1300		1300		1300	
Functional Longevity (month)	9 - 12		9 - 12		18 - 24		9 – 12		18 - 24		30 - 36		9 - 12		30 – 36	
Netting Type	Oxygrid®		Jute Leno		Oxygrid®		Jute Leno		PP		Oxygrid®		Jute Leno		PP	
Top Netting Size (mm)	12 x 13		12 x 24		12 x 13		12 x 24		16 x 16		12 x 13		12 x 24		16 x 16	
Bottom Netting Size (mm)	8 x 9		12 x 24		8 x 9		12 x 24		16 x 16		8 x 9		12 x 24		16 x 16	
Top Netting Weight (g/m2)	7,1		46		7,1		46		10,1		7,1		46		10,1	
Bottom Netting Weight (g/m2))	4,8		46		4,8		46		10,1		4,8		46		10,1	
Stitching thread	PP		Jute		PP		Jute		PP		PP		Jute		PP	
Slope recommendation (V/H)	1:3 – 1:2		1:3 – 1:2		1:2 – 1:1		1:2 – 1:1		1:2 - 1:1		1:1 or >		1:1 or >		1:1 or >	
Flow recommendation (m/sec)	1,8		1,8		2,4		2,4		2,4		3,4		3,4		3,7	
Standards																
DIN EN ISO 10319 Tensile Strength (kN/m) MD x TD	3,5 x 1,2		4,2 x 2,9		3,7 x 1,3		5,0 x 3,1		5,5 x 1,9		4,0 x 1,4		5,8 x 3,3		6,0 x 2,1	
DIN EN ISO 10319 Elongation (%) MD x TD	18,8 x 14,9		5,0 x 7,8		18,7 x 17,0		4,5 x 6,9		13,0 x 11,9		18,5 x 19,1		4,0 x 5,9		12,9 x 13,4	
D4491 Flow Velocities, Short Term (m/sec.)	2,74		2,74		3,04		3,04		4,26		4,26		4,26		4,54	
Max Permissible Shear Stress (g/m2)	850		850		900		900		1100		1100		1100		1400	
Roughness Coefficient Manning’s n-value	0,019		0,019		0,018		0,018		0,014		0,014		0,014		0,014	

Thread: PP-Multi filament, brown (UV-degradable) – special bio-degradable jute-thread will be used for Type 1B, 2B and 3B.

Stitching: All Blankets 4cm centers

Fiber: All straw blankets contain German's finest quality agriculture straws. GREENFIX® uses the highest quality coconut fiber available in our blankets.

Weights: All weights +/- 10%

The specifications presented herein are to the best of our knowledge true and accurate. SOILTEC GmbH 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 GREENFIX Range of Products due to the above reasons.