

TEMPORARY EROSION CONTROL BLANKET COMPARISON

PRODUCT CATEGORY	FILL	NETTING LAYERS	NETTING MATERIAL, COLOR	DEGRADATION TYPE	FUNCTIONAL LONGEVITY	TYPICAL APPLICATION	FHWA-FP03 / ECTC CATEGORY	SHEAR STRESS (lbs/ft ²)	EQUIVALENT & COMPARATIVE PRODUCTS
ULTRA SHORT TERM & SHORT TERM RECP									
S75	100% straw	Single	polypropylene, green	photodegradable	12 MO.	4:1 to 3:1 Slopes, Low Flow Channels	2.C / 2.C	1.6	Equivalents: Excel SR-1™, ECS-1, ETRS-1, S1000 Comparables: AEC Premier Straw® SN, S31, KEP-S1, EG-1s, WINFAB S1
DS75	100% straw	Single	polypropylene, white	accelerated photodegradable	90 DAYS	4:1 to 3:1 Slopes, Low Flow Channels	1.C / 1.C	1.6	Equivalents: Excel SR-1 Rapid Go™, ECS-1D, ETRS-1-RD, S1000D, Comparables: S31UVD, KEP-S1RD, EG-1sRD, WINFAB S1RD
S150	100% straw	Double	polypropylene, green	photodegradable	12 MO.	3:1 to 2:1 Slopes, Medium Flow Channels	2.D / 2.D	1.8	Equivalents: Excel SS-2™, ECS-2, ETRS-2, S2000 Comparables: AEC Premier Straw® DN, S32, KEP-S2, EG-2s, WINFAB S2
DS150	100% straw	Double	polypropylene, white	accelerated photodegradable	90 DAYS	3:1 to 2:1 Slopes, Medium Flow Channels	1.D / 1.D	1.8	Equivalents: Excel SS-2 Rapid Go™, ECS-2D, ETRS-2-RD, S2000D, Comparables: S32UVD, KEP-S2RD, EG-2sRD, WINFAB S2RD
ETX-1	100% wood excelsior	Single	polypropylene, green	photodegradable	18 MO.	3:1 to 2:1 Slopes, Medium Flow Channels	2.C / 2.C	1.6	Equivalents: E1000, ECX-1, R-1 Comparables: Curlex® I, EG-1x
ETX-2	100% wood excelsior	Double	polypropylene, green	photodegradable	18 MO.	2:1 to 1:1 Slopes, Medium Flow Channels	2.D / 2.D	1.8	Equivalents: E2000, ECX-2, R-2 Comparables: EG-2x
ETX-2-HV	100% wood excelsior	Double	polypropylene, green	photodegradable	24 MO.	2:1 to 1:1 Slopes, Medium Flow Channels	2.D / 2.D	2.0	Equivalents: S-2 Comparables: Curlex II
EXTENDED TERM & LONG TERM RECP									
SC150	70% straw 30% coconut coir	Double	polypropylene, green	photodegradable	24 MO.	2:1 to 1:1 Slopes, Medium Flow Channels	3.B / 3.B	2.0	Equivalents: Excel CS-3™, ECSC-2, ETSC-7020, SC3000 Comparables: AEC Premier Straw/Coconut™, SC32, KEP-SC2, EG-2S/C
C125	100% coconut coir	Double	polypropylene, green	photodegradable	36 MO.	1:1 and Greater Slopes, High Flow Channels	4 / 4	2.3	Equivalents: Excel CC-4™, ECC-2, ETC-100, C4000 Comparables: AEC Premier Coconut, C32, KEP-C100, EG-2C, WINFAB C2
BIODEGRADABLE RECP									
S75BN	100% straw	Single	jute, natural	biodegradable	12 MO.	4:1 to 3:1 Slopes, Low Flow Channels	2.C / 2.C	1.6	Equivalents: Excel SR-1 All Natural™, ECS-1B, ETRS-1-BN, S1000BD, Comparables: AEC Premier Straw® SN FibreNet™, S31BD, KEP-S1 Natural, EG-1s(NN)
S150BN	100% straw	Double	jute, natural	biodegradable	12 MO.	3:1 to 2:1 Slopes, Medium Flow Channels	2.D / 2.D	1.9	Equivalents: Excel SS-2 All Natural™, ECS-2B, ETRS-2-BN, S2000BD Comparables: AEC Premier Straw® DN FibreNet™, S32BD, KEP-S2 Natural, EG-2s(NN)
SC150BN	70% straw 30% coconut coir	Double	jute, natural	biodegradable	18 MO.	2:1 to 1:1 Slopes, Medium Flow Channels	3.B / 3.B	2.1	Equivalents: EXCEL CS-3 All Natural™, ECSC-2B, ETRS-7030-BN, SC3000BD, Comparables: AEC Premier Straw/Coconut FibreNet™, SC32BD, KEP-SC2 Natural, EG-2 S/C(NN)
ETX-1-BN	100% wood excelsior	Single	jute, natural	biodegradable	18 MO.	3:1 to 2:1 Slopes, Medium Flow Channels	2.C / 2.C	1.6	Equivalents: R-1AN Comparables: AEC Curlex I™ FibreNet™, EG-1x(NN), E1000BD
ETX-2-HVBN	100% wood excelsior	Double	jute, natural	biodegradable	24 MO.	2:1 to 1:1 Slopes, Medium Flow Channels	2.D / 2.D	2.0	Equivalents: S-2AN Comparables: AEC Curlex II™ FibreNet™, EG-2x(NN), E2000BD
C125BN	100% coconut coir	Double	jute, natural	biodegradable	36 MO.	1:1 and Greater Slopes, High Flow Channels	4 / 4	2.5	Equivalents: Excel CC-4 All Natural™, ECC-2B, ETC-100-BN, C4000BD, Comparables: AEC Premier Coconut™ FibreNet™, C32BD, KEP-C100 Natural, EG-2C(NN)
C700BN	100% coconut coir	Double	coir (top), jute (bottom)	biodegradable	36 MO.	1:1 and Greater Slopes, High Flow Channels	4 / 4	ND	Equivalents: Excel CC-7 All Natural™

PERMANENT TURF REINFORCEMENT MAT COMPARISON

PRODUCT CATEGORY	FILL	NETTING LAYERS	NETTING MATERIAL	TYPICAL APPLICATION	FHWA-FP14 / ECTC CATEGORY	SHEAR STRESS (lbs/ft²)	EQUIVALENT & COMPARATIVE PRODUCTS
PERMANENT TRM							
PP5-8	100% synthetic UV stabilized fill 8oz/yd^2	Double	UV stabilized polypropylene	1:1 and Greater Slopes, Medium to High Flow Channels, Stream Banks, Shorelines	5A / 5A	8.0 (vegetated)	Equivalents: P300LW®, ETPP-8 Comparables: AEC Recyclcx®, Landlok 435, EG-2P8, Recyclcx-TRM-V
PP5-10	100% synthetic UV stabilized fill 10oz/yd^2	Double	UV stabilized polypropylene		5C / 5C	12.0 (vegetated)	Equivalents: P300LW®, ECP-2 10 oz, ETPP-10 Comparables: AEC Recyclcx, Landlok 450, Landlok 1050, EG-2P10, WINFAB PP-10
PP5-12	100% synthetic UV stabilized fill 12oz/yd^2	Double	UV stabilized polypropylene		5C / 5C	12.0 (vegetated)	Equivalents: P300®, ECP-2, ETPP-12 Comparables: Landlok® 450, EG-2P12
ECSC-3	70% straw 30% coconut coir	Triple	UV stabilized polypropylene		5C / 5D	10.0 (vegetated)	Equivalents: ETTT-SC Comparables: PS42
ECC-3	100% coconut coir	Triple	UV stabilized polypropylene		5C / 5D	12.0 (vegetated)	Equivalents: ETTT-C Comparables: PC42
ECP-3	100% synthetic coir	Triple	UV stabilized polypropylene		5C / 5D	14.0 (vegetated)	Equivalents: ETTT-PP Comparables: P42
S200	100% straw	Composite Triple	UV stabilized polypropylene, Corrugated Center Net		5C / 5D	10.0 (vegetated)	Unique and exceeds Triple Net TRMS
SC250	70% straw 30% coconut coir	Composite Triple	UV stabilized polypropylene, Corrugated Center Net		5C / 5D	10.0 (vegetated)	Unique and exceeds Triple Net TRMS
C350	100% coconut coir	Composite Triple	UV stabilized polypropylene, Corrugated Center Net		5C / 5D	12.0 (vegetated)	Unique and exceeds Triple Net TRMS
P550	100% synthetic	Composite Triple	UV stabilized polypropylene, Corrugated Center Net		5C / 5E	14.0 (vegetated)	Unique and exceeds Triple Net TRMS
PERMANENT HIGH PERFORMANCE TRM (HPTRM)							
TMAX-3K	NA	Woven	UV stabilized polypropylene high denier, mono-filament yarns	1:1 and Greater Slopes, Medium to High Flow Channels, Stream Banks, Shorelines	5C / 5F	14.0 (vegetated)	Equivalents: PP5-Pro Comparables: Pyramat 25, T-RECS, W3000, WINFAB Diamondback 2018
TMAX	NA	Woven	UV stabilized polypropylene high denier, mono-filament yarns		5C / 5F	16.0 (vegetated)	Comparables: Pyramat 75, WINFAB Diamondback 4031
PP5-Pro	NA	Woven	UV stabilized polypropylene high denier, mono-filament yarns		5C / 5F	14.0 (vegetated)	Equivalents: TMAX-3K Comparables: Pyramat 25, T-RECS, W3000, WINFAB Diamondback 2018
PP5-Xtreme	NA	Woven	UV stabilized polypropylene high denier, mono-filament yarns		5C / 5F	17.0 (vegetated)	Comparables: Pyramat 75, WINFAB Diamondback 4031