



APPROVED PRODUCT LIST ITEM 169 “SOIL RETENTION BLANKET”

Effective Date: November 2018

The Contractor has the option of utilizing the following approved products in accordance with the Class and Type as specified on the plans. The current Approved Product List may be found on TxDOT’s Erosion Control Web Page at: <http://www.txdot.gov/business/resources/erosion-control.html>.

Direct all questions to Jacob Eickstead of the Maintenance Division, Vegetation Management Section, 125 E. 11th Street, Austin, TX 78701-2483, (512) 416-3092 or Jacob.Eickstead@txdot.gov.

CLASS 1 – “SLOPE PROTECTION”

<u>Type A – Slopes 3:1 or Flatter - CLAY Soils:</u>	
ROLL TYPE BLANKET	SPRAY TYPE BLANKET
AEC Premier Coconut AEC Premier Straw/Coconut BIOMAC S1 BIOMAC SC BIOMAC SS 026.1 BIOMAC SS 027.2 Curlex I Curlex I CL ECB S31 Single Net Straw ECB S32 Double Net Straw ECS-1 ECS-2 Excel PP5-10 Excel R-1 Excel R-2 Excel Rc-1 Excel S-1 Excel SR-1 Excel SR-1 All Natural Excel SS-2 Greenfix CFS072R Greenfix WS05 GreenSolutions™ DNS 2 Haymark HMI-350PP North American Green S150 North American Green S75 North American Green S75BN North American Green P300 Rhino Erosion King Single Net S1000 Single Net Straw Tackmat S TerraGuard DS TerraGuard SS US-1S US-2S US-1X US-2X	CocoFlex ET-FGM EarthGuard Fiber Matrix EcoFlex HP FGM Flexterra FGM Flexterra HP-FGM Flexterra Ultra Hy-C4 Hydra CX2 Hydro-Blanket® BFM HydroStraw BFM ProMatrix™ EFM Soil Guard® SprayMatrix FRM Wood-Lok HPM

- Product names are arranged in alphabetical order.
- Contact information and private label names for products can be found on the [Vendors List](#).
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CLASS 1 – “SLOPE PROTECTION” (continued)

Type B – Slopes 3:1 or Flatter - SANDY Soils:

ROLL TYPE BLANKET	SPRAY TYPE BLANKET
AEC Premier Coconut	CocoFlex ET-FGM
AEC Premier Straw Double Net	Conwed Fiber 2000
AEC Premier Straw Single Net	EarthGuard Fiber Matrix/w Vertex
BIOMAC SS 026.1	EcoFlex HP FGM
BIOMAC SS 027.2	Flexterra FGM
Curlex I	Flexterra HP-FGM
Curlex I CL	Hy-C3
Curlex II CL	Hydra CM
ECB S31 Single Net Straw	ProMatrix™ EFM
ECB S32 Double Net Straw	SprayMatrix FRM
ECS-1	Terra Matrix
ECS-2	Wood-Lok HPM
ETRS-1 Single Net Straw Blanket	
Excel CC-4	
Excel PP5-8	
Excel PP5-10	
Excel R-1	
Excel Rc-1	
Excel SR	
Excel SS-2	
GreenSolutions™ DNS 2	
GreenSolutions™ SNS 1	
Haymark HMI-350PP	
Kansas Erosion S1	
Kansas Erosion S2	
Landlok S1	
North American Green C125	
North American Green P300	
North American Green P300LW	
North American Green S75	
North American Green S150	
Rhino Erosion King Single Net	
Tackmat S	
Tackmat X	
Terraguard DS	
Terraguard SS	

US-1S US-2S US-1X Winters Coir WR-1	
<ul style="list-style-type: none"> Product names are arranged in alphabetical order. Contact information and private label names for products can be found on the Vendors List. Refer to the General Product Material Descriptions page for additional information about product material. 	



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CLASS 1 – "SLOPE PROTECTION" (continued)

<u>Type C – Slopes Steeper than 3:1 - CLAY Soils:</u>	
ROLL TYPE BLANKET	SPRAY TYPE BLANKET
AEC Premier Coconut AEC Premier Straw/Coconut BIOMAC S1 BIOMAC SC BIOMAC SS 027.2 Curlex I ECB S32 Double Net Straw ECS-2 Excel PP5-10 Excel R-1 Excel Rc-1 Excel S-1 Excel SR-1 All Natural Excel SS-2 Greenfix CFS072R Greenfix WS05 GreenSolutions™ DNS 2 Haymark HMI-350PP North American Green S150 North American Green P300 North American Green S75BN Rhino Erosion King Single Net S1000 Single Net Straw TerraGuard DS US-2S US-2X	CocoFlex ET-FGM EarthGuard Fiber Matrix EcoFlex HP FGM Flexterra FGM Flexterra HP-FGM Flexterra Ultra Hy-C4 Hydra CX2 Hydro-Blanket® BFM HydroStraw BFM Soil Guard® SprayMatrix FRM Wood-Lok HPM

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CLASS 1 – “SLOPE PROTECTION” (continued)

<u>Type D – Slopes Steeper than 3:1 - SANDY Soils:</u>	
ROLL TYPE BLANKET	SPRAY TYPE BLANKET
AEC Premier Coconut AEC Premier Straw Double Net BIOMAC SS 027.2 Curlex I Curlex I CL Curlex II CL ECB S32 Double Net Straw ECS-2 Excel CC-4 Excel CC-4 All Natural Excel PP5-10 Excel R-1 Excel Rc-1 Excel SS-2 GreenSolutions™ DNS 2 GreenSolutions™ SNS 1 Haymark HMI-350PP North American Green C125 North American Green C125BN North American Green S150 North American Green P300 Rhino Erosion King Single Net Tackmat S Tackmat X TerraGuard DS US-2S Winters Coir	CocoFlex ET-FGM EarthGuard Fiber Matrix/w Vertex EcoFlex HP FGM Flexterra FGM Flexterra HP-FGM Hy-C3 Hydra CM SprayMatrix FRM Wood-Lok HPM

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CLASS 2 – “FLEXIBLE CHANNEL LINER”

Type E – Shear Stress Range 0 – 96 Pascal (0 – 2 Pounds Per Square Foot):

AEC Premier Straw/Coconut	Excel R-1
AEC Premier Straw Double Net	Excel S-2
BIOMAC C	Excel SD-3
BIOMAC CC 025.3	Excel SS-2
BIOMAC N20	GreenArmor 7020
Channel Soxx	Greenfix CFG
Contech C-35	Greenstreak Pec-Mat
Contech C50	Haymark HMI-350PP
Contech Coconut / Poly Fiber Mat	Koirmat™ 700
Contech Coconut Mat w/ Kraft Net	Landlok® C2
Contech TRM C-45	Landlok® CS2
Curlex® II Stitched	Landlok® S-2
Curlex® II (.98)	Landlok® TRM 435
Curlex® II CL	Landlok® TRM 450
Curlex® III Stitched	Landlok® TRM 1051
Curlex® Enforcer®	Landlok® TRM 1060
Curlex® Enforcer® I	Multimat 100
Earth-Lock	North American Green C125 BN
	North American Green C125
Earth-Lock II	North American Green P300LW
	North American Green P300
ECB EX32	North American Green C350
ECB P42 TRM	North American Green P350
ECB SC32 Double Net Extended Term	North American Green P550
ECB S32 Double Net Straw	North American Green S150
	North American Green S350

ECC-3 Coconut Turf Reinforcement Mat	North American Green SC150
ECP-2 10oz Polypropylene Turf Reinforcement Mat	North American Green SC150 BN
ECP-3	North American Green SC 250
ECSC-3 Straw/Coconut Turf Reinforcement Mat	Pyramat®
Enkamat 7018	Recyclex TRM
Enkamat 7020	Recyclex TRM-V
ETPP-10	Rhino Erosion King Double-Net
ETRS-2	SEC P2
Excel CC-4	SEC XL2
Excel CC-4 All Natural	SS-2 Superior Straw
Excel CS-3	StayTurf
Excel CS-3 All Natural	T-RECS
Excel PP5-Heavy Duty	
Excel PP5-8	Webtec Terraguard 44P
Excel PP5-10	Webtec Terraguard 45P
Excel PP5-12	Winters Turf
*** CONTINUE TO NEXT COLUMN ***	

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CLASS 2 – “FLEXIBLE CHANNEL LINER” (continued)

<u>Type F – Shear Stress Range 0 – 192 Pascal (0 – 4 Pounds Per Square Foot):</u>	
AEC Premier Straw/Coconut	GreenArmor 7020
AEC Premier Straw Double Net	Greenfix CFG 2000
BIOMAC C	Greenfix CFO2RR
BIOMAC CC 025.3	Greenstreak Pec-Mat
Channel Sox	Haymark HMI-350PP
Contech C-35	Koirmat™ 700
Contech C50	Landlok® C2
Contech Coconut / Poly Fiber Mat	Landlok® CS2
Contech Coconut Mat w/ Kraft Net	Landlok® S2
Contech TRM C-45	Landlok® TRM 435
Curlex® II Stitched	Landlok® TRM 450
Curlex® II (.98)	Landlok® TRM 1051
Curlex® II CL	Landlok® TRM 1060
Curlex® III Stitched	Multimat 100
Curlex® Enforcer®	North American Green C125
	North American Green C125 BN
Curlex® Enforcer® I	North American Green P300
	North American Green P300LW
	North American Green C350
Earth-Lock	North American Green P350
Earth-Lock II	North American Green P550

ECB EX32	North American Green S150
ECB P42 TRM	North American Green S350
ECB SC32 Double Net Extended Term	North American Green SC150 BN
ECC-3 Coconut Turf Reinforcement Mat	North American Green SC 250
ECP-2 10oz Polypropylene Turf Reinforcement Mat	Pyramat®
ECP-3	Recyclex TRM
ECSC-3 Straw/Coconut Turf Reinforcement Mat	Recyclex TRM-V
Enkamat 7018	Rhino Erosion King Double Net
ETPP-10	SEC P2
ETRS-2	SS-2 Superior Straw
Excel CC-4	StayTurf
Excel PP5-8	T-RECS
Excel PP5 Heavy Duty	TMax 3k
Excel PP5-10	Webtec Terraguard 44P
Excel PP5-12	Webtec Terraguard 45P
Excel R-1	Winters Turf
Excel S-2	
Excel SD-3	
Excel SS-2	

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CLASS 2 – “FLEXIBLE CHANNEL LINER” (continued)

Type G – Shear Stress Range 0 – 287 Pascal (0 – 6 Pounds Per Square Foot):

BIOMAC CC 025.3	Haymark HMI-350PP
Channel Soxx	Koirmat™ 700
Contech C-35	Landlok® TRM 435
Contech C50	Landlok® TRM 450
Contech Coconut / Poly Fiber Mat	Landlok® TRM 1051
Contech TRM C-45	Landlok® TRM 1060
Curlex® Enforcer®	Multimat 100
Earth-Lock	North American Green SC 250
Earth-Lock II	North American Green 300
	North American Green 300LW
	North American Green C350
ECB EX32	North American Green S350
ECB P42 TRM	North American Green P350
ECC-3 Coconut Turf Reinforcement Mat	North American Green P550
ECP-2 10oz Polypropylene Turf Reinforcement Mat	Pyramat®
ECP-3	Recyclex TRM
ECSC-3 Straw/Coconut Turf Reinforcement Mat	Recyclex TRM-V

Enkamat 7018
 ETPP-10
 Excel PP5-8
 Excel PP5 Heavy Duty
 Excel PP5-10
 Excel PP5-12
 GreenArmor 7020
 Greenfix CFG 2000
 Greenstreak Pec-Mat

SEC P2
 StayTurf
 TMax 3k
 T-RECS
 Webtec Terraguard 44P
 Webtec Terraguard 45P
 Winters Turf

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CLASS 2 – “FLEXIBLE CHANNEL LINER” (continued)

Type H – Shear Stress Range 0 – 383 Pascal (0 – 8 Pounds Per Square Foot):

BIOMAC CC 025.3
 Channel Sox
 Contech C-35
 Contech C50
 Contech Coconut / Poly Fiber Mat
 ECB P42 TRM
 ECC-3 Coconut Turf Reinforcement Mat
 ECP-2 10oz Polypropylene Turf Reinforcement Mat
 ECP-3
 ECSC-3 Straw/Coconut Turf Reinforcement Mat
 ETPP-10
 Excel PP5-8
 Excel PP5 Heavy Duty

Excel PP5-10
 Excel PP5-12
 GreenArmor 7020
 Haymark HMI-350PP
 Landlok® TRM 435
 Landlok® TRM 450
 Landlok® TRM 1051
 Multimat 100
 North American Green SC 250
 North American Green 300
 North American Green 300LW
 North American Green C350
 North American Green S350
 North American Green P350
 North American Green P550
 Pyramat®
 Recyclex TRM
 Recyclex TRM-V
 SEC P2
 StayTurf
 T-RECS
 Webtec Terraguard 44P
 Webtec Terraguard 45P
 Winters Turf

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APPROVED PRODUCT LIST ITEM 164 “SEEDING FOR EROSION CONTROL”

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The Contractor has the option of utilizing the following approved cellulose fiber mulches. The current Approved Product List may be found on TxDOT’s Erosion Control Web Page at: <http://www.txdot.gov/business/resources/erosion-control.html>.

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MULCHES 4:1 OR FLATTER SLOPES

CLAY OR TIGHT SOILS	SANDY OR LOOSE SOILS
Agri-Fiber American Fiber Mulch American Fiber Mulch (Hydro-Stick) BioFiber Wood Plus Conwed Hydro Mulch Enviro-Gold Enviro-Gold Plus Enviro Gro Fiber Mulch Enviro Mix Evercycle Hydro-Mulch Excel Aspen Turbo Mulch Excel Fibermulch II	American Fiber Mulch American Fiber Mulch (with Hydro-Stick) American Fiber Mulch with Stick Plus BioFiber Wood Plus Conwed Hydro Mulch Enviro-Gold Plus Enviro-Gro Evercycle™ Hydro-Mulch Excel Aspen Turbo Mulch Excel Fibermulch II GeoSkin Hy-C1

GeoSkin
 Hy-C1
 Hydro-Lok
 HydroSpray™ Cellulose
 HydroStraw
 HydroStraw Guar Plus
 Lay-Low Mulch
 Lonestar Hydro-Grass
 Nature Spray® Recycled Paper Fiber
 Nature Spray® Recycled Straw Tack
 Nature Spray® Regenerated Wood Fiber Mulch
 Nature Wood Fiber Blend
 Oasis Fiber Mulch
 Pennzsuppress®
 Pro Mat
 Pro Mat (with RMB Plus)
 Pro Mat X
 Safe Slope®
 Second Nature® Recycled Paper Fiber
 Second Nature® Recycled Straw Tack
 Second Nature® Regenerated Wood Fiber Mulch
 Second Nature® Wood Fiber Blend
 Second Nature® Wood Fiber Plus
 Mat-Fiber Plus®
 SoilCover Blend

Hydro-Lok
 HydroSpray™ Cellulose
 HydroStraw
 HydroStraw Guar Plus
 Lay-Low Mulch
 Lonestar Hydro-Grass
 Nature Spray® Recycled Paper Fiber
 Nature Spray® Recycled Straw Tack
 Nature Spray® Regenerated Wood Fiber Mulch
 Nature Spray® Wood Fiber Blend
 Oasis Fiber Mulch
 Pam 12
 Pennzsuppress®
 Pro Mat
 Pro Mat (with RMB Plus)
 Pro Mat X
 Pro Mat XL
 Safe Slope®
 Second Nature® Recycled Paper Fiber
 Second Nature® Recycled Straw Tack
 Second Nature® Regenerated Wood Fiber Mulch
 Second Nature® Wood Fiber Blend
 Second Nature® Wood Fiber Plus
 SoilCover Blend

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