



APPROVED PRODUCT LIST
ITEM 169 "SOIL RETENTION BLANKET"

Effective Date: May 2011

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 Web Page at http://www.txdot.gov/business/doing_business/product_evaluation/default.htm. Direct all questions to John Mason of the Maintenance Division, Vegetation Management Section, 125 E. 11th Street, Austin, TX 78701-2483, (512) 416-3081.

CLASS 1 "SLOPE PROTECTION"

Type A - Slopes 1:3 or Flatter - Clay Soils:

AEC Premier Straw	Flexterra Ultra
AEC Premier Straw Double Net	Futerra®
AEC Premier Straw/Coconut	Grass Mat
AEC Premier Coconut	Greenfix CFS072R
Airtrol	Greenfix WS05
Anti-wash/Geojute	Greenfix WSO72
BioD-Mesh 60	GreenSolutions DNS2
BioMac S1	GreenSolutions DSC2
BioMac S2	Greenstreak Pec-Mat
BioMac SC	HyC 3
Carthage Mills Veg Net	Hydra CM
C-Jute	Hydra CX2
CocoFlex ET-FGM	Hydro Blanket
Contech Standard	HydroStraw BFM
Contech Standard Plus	Landlok S1
Contech Straw/Coconut Fiber Mat /Kraft	Landlok S2
Contech C-35	Landlok CS2
Curlex I	Landlok 407
Curlex II	Landlok TRM 435
Curlex I CL	Landlok SuperGro
Curlex™-LT	Landmark Earth Solution Safe Slope Extreme
Earth Bound	Miramat TM8
EarthGuard Fiber Matrix	Multimat 100
EcoAegis™	North American Green S150
Econo-Jute	North American Green S75
ECB EX 31	North American Green® S75 BN
ECB EX 32	North American Green SC150
ECB S 31 Single Net Straw	North American Green® S150 BN
ECB S 32 Double Net Straw	Pennzsuppress®
EcoFlex HP FGM	Poplar Erosion Blanket
ECS-1	Rhino Erosion King Single Net
ECS-2	Rhino Erosion King Double Net
ECS Excelsior Blanket Standard	Safe Slope Extreme
ECS High Velocity Straw Mat	S1000 Single Net Straw
ECS Standard Straw	S2000 Double Net Straw
EnviroGuard Plus	SEC-S2
Enviro-Matrix	Soil Guard
Enviro-Shield	Soil Saver
Excel CC-4	SprayMat®
Excel CS-3 All Natural	Terra-Control®
Excel Tackmat	TerraJute
Excel PP5-10	Terra-Mulch
Excel R-1	Verdyol Ero-Mat
Excel Rc-1	Webtec Terraguard 44P
Excel S-1	WintersChoice
Excel SS-2	WintersCoir
Excel SR-1	WinterStraw HV
Excel SR-1 All Natural	WinterStraw SN
Flexterra FGM	



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CLASS 1 "SLOPE PROTECTION" (continued)

Type B - 1:3 or Flatter - Sandy Soils:

AEC Premier Straw	Flexterra FGM
AEC Premier Straw Double Net	Flexterra Ultra
AEC Premier Straw/Coconut	Futerra®
AEC Premier Coconut	Greenfix CFS072R
BioMac S1	Greenfix WS05
BioMac S2	Greenfix WSO72
BioMac SC	GreenSolutions DSC2
C-Jute	GreenSolutions DNS2
Carthage Mills Veg Net	GreenSolutions SNS1
CocoFlex ET-FGM	Geojute Plus 1
Contech Standard	Green Triangle Regular
Contech Standard Plus	Green Triangle Superior
Contech Straw/Coconut Fiber Mat w/Kraft Net	HyC 3
Contech C-35	Hydra CM
Conweb Fiber 2000	HydraCX2
Curlex I	Landlok® S1
Curlex I CL	Landlok® S2
Curlex II CL	Landlok® CS2
Curlex LT	Landlok 407
Curlex Netfree	Landlok TRM 435
Earth Bound	Landmark Earth Solution Safe Slope Extreme
EarthGuard Fiber Matrix	Miramat 1000
EarthGuard Fiber Matrix/w Vertex	Miramat TM8
ECB EX 31	Multimat 100
ECB EX 32	North American Green S75
ECB S 31 Single Net Straw	North American Green® S75 BN
ECB S 32 Double Net Straw	North American Green S150
EcoFlex HP FGM	North American Green SC150
ECS-1	North American Green® S150 BN
ECS-2	Poplar Erosion Blanket
ECS Standard Straw	Rhino Erosion King Single Net
ECS Excelsior Blanket Standard	Safe Slope Extreme
ECS High Velocity Straw Mat	S1000 Single Net Straw
EnviroGuard Plus	S2000 Double Net Straw
Excel CC-4	SEC-S2
Excel CS-3 All Natural	Soil Guard
Excel CS-3	Terra-Control®
Excel Tackmat	TerraJute Verdyol Ero-Mat
Excel PP5-8	Verdyol Ero-Mat
Excel PP5-10	Webtec Terraguard 44P
Excel PP5-12	WintersChoice
Excel R-1	WintersCoir
Excel Rc-1	WinterStraw HV
Excel S-1	WinterStraw SN
Excel SS-2	
Excel SR-1 All Natural	



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CLASS 1 "SLOPE PROTECTION" (continued)

Type C - Slopes Steeper than 1:3 - Clay Soils:

AEC Premier Straw Double Net	Greenfix CFS072R
AEC Premier Straw/Coconut	Greenfix WS05
AEC Premier Coconut	Greenfix WSO72
Airtrol	GreenSolutions DNS2
Anti-Wash/Geojute	GreenSolutions DSC2
BioMac S1	Green Triangle Superior
BioMac S2	Greenstreak Pec-Mat
BioMac SC	HyC 3
Carthage Mills Veg Net	Hydra CM
C-Jute	Hydra CX2
CocoFlex ET-FGM	Hydro Blanket
Contech Standard Plus	HydroStraw BFM
Contech Straw/Coconut Fiber Mat w/Kraft Net	Landlok® S2
Contech C-35	Landlok CS2
Curlex I	Landlok 407
Curlex I CL	Landlok SuperGro
Earth Bound	Landlok TRM 435
EarthGuard Fiber Matrix	Landmark Earth Solution Safe Slope Extreme
Eco-Aegis	Miramat TM8
Econo Jute	Multimat 100
ECB EX 31	North American Green S150
ECB S 32 Double Net Straw	North American Green S75
EcoFlex HP FGM	North American Green SC150
ECS-1	North American Green® S150 BN
ECS-2	Pennzsuppress®
ECS High Velocity Straw Mat	Poplar Erosion Blanket
ECS Standard Straw	Rhino Erosion King Single Net
EnviroGuard Plus	Rhino Erosion King Double Net
Enviro-Matrix	Safe Slope Extreme
Enviro-Shield	S2000 Double Net Straw
Excel CC-4	SEC-S2
Excel CS-3 All Natural	SprayMat
Excel Tackmat	Soil Guard
Excel PP5-10	Soil Saver
Excel R-1	SprayMatt®
Excel Rc-1	TerraJute
Excel S-1	Verdyol Ero-Mat
Excel SS-2	Verdyol Excelsior High Velocity
Excel SR-1	Webtec Terraguard 44P
Excel SR-1 All Natural	Winters Choice
Flexterra FGM	Winters Coir
Flexterra Ultra	Winters Straw HV
Futerra®	



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CLASS 1 "SLOPE PROTECTION" (continued)

Type D - Slopes Steeper than 1:3 - Sandy Soils:

AEC Premier Straw Double Net	Excel SR-1 All Natural
AEC Premier Straw/Coconut	Flexterra FGM
AEC Premier Coconut	Flexterra Ultra
BioMac S1	Futerra®
BioMac S2	Greenfix CFS072R
C-Jute	Greenfix WS05
Carghage Mills Veg Net	Greenfix WSO72
CocoFlex ET-FGM	Geojute Plus 1
Contech Standard Plus	GreenSolutions DNS2
Contech Straw/Coconut Fiber Mat w/Kraft Net	GreenSolutions DSC2
Contech C-35	GreenSolutions SNS1
Curlex I	Green Triangle Superior
Curlex II	HyC 3
Curlex I CL	Hydra CM
Curlex II CL	HydraCX2
Curlex Netfree	Landlok® S2
EarthGuard Fiber Matrix	Landlok® CS2
EarthGuard Fiber Matrix/w Vertex	Landlok 407
ECB EX 31	Landlok TRM 435
ECB S 32 Double Net Straw	Landmark Earth Solution Safe Slope Extreme
EcoFlex HP FGM	Miramat 1000
ECS-1	Miramat TM8
ECS-2	North American Green S150
ECS High Velocity Straw Mat	North American Green SC150
ECS Standard Straw	North American Green® S150 BN
EnviroGuard Plus	Rhino Erosion King Single Net
Excel CC-4	Safe Slope Extreme
Excel CS-3 All Natural	S2000 Double Net Straw
Excel CS-3	SEC-S2
Excel Tackmat	Soil Guard
Excel PP5-10	TerraJute
Excel PP5-12	Verdyol Ero-Mat
Excel R-1	Webtec Terraguard 44P
Excel Rc-1	WintersChoice
Excel S-1	Winters Coir
Excel SS-2	Winters Straw HV



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CLASS 2 - "FLEXIBLE CHANNEL LINER"

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

BioMac C	Excel SS-2
BioMac N20	Excel SR-1 All Natural
Channel Soxx	Greenfix CFG 2000
Contech TRM C-45	Greenstreak Pec-Mat
Contech C-35	Koirmat™ 700
Contech C50	Landlok® C2
Contech Coconut/Poly Fiber Mat	Landlok® CS2
Contech Coconut Mat w/Kraft Net	Landlok S-2
Curlex® II Stitched	Landlok TRM 435
Curlex® III Stitched	Landlok TRM 450
Curlex® Enforcer® I	Landlok TRM 1051
Curlex® Enforcer®	Miramat TM8
Earth-Lock	Multimat 100
Earth-Lock II	North American Green C125 BN
ECB EX 32	North American Green C350
ECB P 42 TRM	North American Green SC150 BN
ECB SC 32 Double Net Extended Term	North American Green S150
ECB S 32 Double Net Straw	North American Green S350
ECS High Impact Excelsior	North American Green P550
ECS Standard Excelsior	Pyramat®
ECS High Velocity Straw Mat	Recyclex TRM
Enkamat 7018	Rhino Erosion King Single Net
Enkamat 7020	Rhino Erosion King Double-Net
Enviromat	SEC P2
Excel CC-4	SEC XL2
Excel CS-3	StayTurf
Excel CS-3 All Natural	Webtec Terraguard 44P
Excel PP5-8	Webtec Terraguard 45P
Excel PP5-10	
Excel PP5-12	
Excel S-1	
Excel S-2	
Excel SD-3	



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CLASS 2 - "FLEXIBLE CHANNEL LINER" (continued)

Type F - Shear Stress Range 0 - 192 Pascal (0 - 4 Pounds Per Square Foot):

BioMac C	Greenfix CFG 2000
Channel Soxx	Greenfix CFO 72RR
Curlex® II Stitched	Greenstreak Pec-Mat
Curlex® III Stitched	Koirmat™ 700
Curlex® Enforcer® 1	Landlok® C2
Curlex® Enforcer®	Landlok® CS2
Contech C50	Landlok® TRM 435
Contech TRM C-45	Landlok® TRM 450
Contech C-35	Landlok® TRM 1051
Contech Coconut/Poly Fiber Mat	Landlok® S2
Contech Coconut Mat w/Kraft Net	Miramat TM8
Earth-Lock	Multimat 100
Earth-Lock II	North American Green C125 BN
ECB EX 32	North American Green C350
ECB P 42 TRM	North American Green SC150 BN
ECB SC 32 Double Net Extended Term	North American Green S150
ECS High Impact Excelsior	North American Green S350
ECS High Velocity Straw Mat	North American Green P350
ECS Standard Excelsior	North American Green P550
Enkamat 7018	Pyramat®
Enviromat	Recyclex TRM
Excel CC-4	Rhino Erosion King Double Net
Excel PP5-8	SEC P2
Excel PP5-10	SS Superior Straw
Excel PP5-12	StayTurf
Excel S-2	Webtec Terraguard 44P
Excel SD-3	Webtec Terraguard 45P
Excel S-1	



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CLASS 2 - "FLEXIBLE CHANNEL LINER" (continued)

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

Channel Soxx	Landlok® TRM 1051
Contech TRM C-45	Landlok® TRM 1060
Contech C-35	Landlok® TRM 435
Contech C50	Landlok® TRM 450
Contech Coconut/Poly Fiber Mat	Multimat 100
Curlex® Enforcer®	North American Green C350
Earth-Lock	North American Green S350
Earth-Lock II	North American Green P350
ECB EX 32	North American Green P550
ECB P 42 TRM	Pyramat®
Enkamat 7018	Recyclex TRM
Excel PP5-8	SEC P2
Excel PP5-10	StayTurf
Excel PP5-12	Webtec Terraguard 44P
Greenfix CFG 2000	Webtec Terraguard 45P
Greenstreak Pec-Mat	
Koirmat™ 700	



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CLASS 2 - "FLEXIBLE CHANNEL LINER" (continued)

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

Channel Soxx	Multimat 100
Contech TRM C-45	North American Green C350
Contech C-35	North American Green S350
Contech C50	North American Green P350
Contech Coconut/Poly Fiber Mat	North American Green P550
ECB P 42 TRM	Pyramat®
Excel PP5-8	Recyclex TRM
Excel PP5-10	SEC P2
Excel PP5-12	StayTurf
Landlok® TRM 435	Webtec Terraguard 44P
Landlok® TRM 450	Webtec Terraguard 45P
Landlok® TRM 1051	



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CLASS 2 - "FLEXIBLE CHANNEL LINER" (continued)

Type I - Shear Stress Range 0 - 479 Pascal (0 - 10 Pounds Per Square Foot):

Channel Soxx
ECB P 42 TRM
Excel PP5-8
Excel PP5-10
Excel PP5-12
Landlok® TRM 450
North American Green C350
North American Green P550
StayTurf
Recyclex TRM



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CLASS 2 - "FLEXIBLE CHANNEL LINER" (continued)

Type J - Shear Stress Range 0 - 575 Pascal (0 -12 Pounds Per Square Foot):

Channel Soxx
Excel PP5-12
Landlok® TRM 450
North American Green P550
Recyclex TRM
StayTurf



APPROVED PRODUCTS LIST

ITEM 164 "SEEDING FOR EROSION CONTROL"

Effective Date: May 2011

The Contractor has the option of utilizing the following approved cellulose fiber mulches. The current Approved Product List may be found on TxDOT's Web Page by pointing your browser to http://www.dot.state.tx.us/business/doing_business/product_evaluation/erosion_control.htm. Direct all questions to John Mason of the Vegetation Management Section, Maintenance Division, 125 E. 11th Street, Austin, TX 78701-2483, (512) 416-3081.

MULCHES 4:1 OR FLATTER SLOPES

Clay or Tight Soils:

Agri-Fiber	Oasis Fiber Mulch
American Fiber Mulch	Pennzsuppress®
American Fiber Mulch(Hydro-Stick)	Pro Mat
Conweb Hydro Mulch	Pro Mat (with RMBplus)
Enviro-Gro Fiber Mulch	Pro Mat X
Evercycle Hydro-Mulch	Safe Slope
Excel Aspen Turbo Mulch	Second Nature Regenerated Wood Fiber Mulch
Excel Fibermulch II	
GeoSkin	Second Nature Wood Fiber Blend
HyC 1	
Hydro-Lok	Second Nature Recycled Paper Fiber
Hydro Straw	Second Nature Recycled Straw Tack
Lay-Low Mulch	Silva Fiber Plus
Lonestar Hydro-Grass	
Landmark Earth Solution Safe Slope	

Sandy or Loose Soils:

American Fiber Mulch	Oasis Fiber Mulch
American Fiber Mulch (with Hydro-Stick)	Pennzsuppress®
American Fiber Mulch with Stick Plus	Pro Mat
Conwed Hydro Mulch	
ENCAP Pam 12	Pro Mat (with RMB Plus)
Enviro-Gro	
Enviro-Mix	Pro Mat X
Evercycle™ Hydro-Mulch	
Excel Aspen Turbo Mulch	Pro Mat XL
Excel Fibermulch II	Safe Slope
GeoSkin	Second Nature Regenerated Wood Fiber Mulch
HyC 1	
Hydro-Lok	Second Nature Wood Fiber Blend
Hydro Straw	Second Nature Recycled Paper Fiber
Lay-Low Mulch	Second Nature Recycled Straw Tack
Lonestar Hydro-Grass	
Landmark Earth Solution Safe Slope	