

General Product Material Descriptions

Disclaimer: The product descriptions shown within this table are general in nature, intended for overall product comparison purposes only, and are not to be used for specification purposes. Refer to individual manufacturer's literature for complete product material specifications for specific product brand or trade names.

Brand Name of Product		Tested As	Material Description
1.	<i>AEC Premier Straw</i>	Slope	A Natural erosion control blanket made from 100% weed free Midwest straw. The Straw fibers are stitched together to form a flexible erosion control blanket with netting on the top side of the blanket.
2.	<i>AEC Premier Straw Double Net</i>	Slope	AEC Premier Straw Double Net is manufactured from 100% Organic, weed free Midwest straw fibers. The straw fibers are stitched together to form a flexible erosion control blanket with netting on both the top and bottom of the blanket. A variety of netting types are available to meet specific job site requirements. The unit weight of AEC Premier straw is 0.50 lbs per square yard.
3.	<i>AEC Premier Coconut</i>	Slope	The AEC Premier Coconut blankets are designed for mid to long-term erosion protection and vegetation establishment on slopes, channels, and shorelines. The 100% Coconut Blanket will provide a longer life degradable blanket for severe applications or where special grasses need long-term protection. AEC Premier Coconut has longer duration photodegradable, UV enhanced nettings on both sides. FibreNet™-100% jute netting-is available for environmentally sensitive areas while maintaining performance standards.
4.	<i>AEC Premier Straw/Coconut</i>	Slope	A Natural erosion control blanket made from the weed free Midwest straw and coconut fiber. The coconut fibers are blended into the straw blanket and comprise 30% of the total weight of the blanket with the remaining 70% straw. The coconut and straw fibers are evenly distributed in blanket form and are stitched to the top and bottom with UV enhanced black polypropylene thread. The AEC Premier Straw/Coconut blend blankets are designed for mid to long-term erosion protection and vegetation establishment on slopes, channels, and shorelines. The AEC Premier Straw-Coconut blanket has longer duration photodegradable, UV enhanced nettings on both sides. FibreNet™-100% jute netting-is available for environmentally sensitive areas while maintaining performance standards.
5.	<i>Agri-Fiber</i>	Mulch	Recycled Fiber Mulch manufactured entirely from recycled fibers. No trees or other virgin pulp are sacrificed in the process. Water holding capacity 1200 Grams (90% min); Moisture Content 12.0 ± 3%; Organic Matter 98 ± 2%; Ash content Approx 1.5%; Packaged in 50 lb bags net.
6.	<i>Airtrol®</i>	Slope	A cementious plaster binder produced from high-purity gypsum and applied in conjunction with an approved cellulose fiber mulch through a hydraulic process. The plaster is nontoxic, noncombustible, and harmless to fish, birds, plants and animals.

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7.	<i>Airtrol® Plus</i>	Slope	A cementitious plaster binder produced from high-purity gypsum and applied in conjunction with an approved cellulose fiber mulch through a hydraulic process. The plaster is nontoxic, noncombustible, and harmless to fish, birds, plants and animals. <i>Tackifibers</i> , as produced by Synthetic Industries, Inc., is added to the plaster binder.
8.	<i>American Fiber Mulch</i>	Mulch	Hydraulic mulch produced from recycled paper. No published literature available.
9.	<i>American Fiber Mulch (with Fiber Plus)</i>	Mulch	Hydraulic mulch produced from recycled paper. No published literature available. <i>Fiber-Plus</i> is a specially coated synthetic fiber tackifier with long fiber length, as available through the Finn Corporation.
10.	<i>American Fiber Mulch (with Hydro-Stick)</i>	Mulch	Hydraulic mulch produced from recycled paper. No published literature available. - <i>Hydro Stick</i> is a special gum-based tackifier as available through the Finn Corporation.
11.	<i>Anti-Wash®/Geojute®</i>	Slope	Heavy jute mesh of undyed, unbleached yarn. Yarn count: warp - 78 per width min; weft - 42 per linear yard, min; Typical weight = 0.92 lbs/sq yd. Typical roll width = 48 inches.
12.	<i>BioD-Mat™ 90</i>	Channel	Woven bristle coir blankets. Typical weight = 29 oz/sq yd; Typical wide width dry tensile strength = 159 lbs/in; Typical elongation at failure dry % 33; open area = 38; Typical thickness = 0.35 inch.
13.	<i>BioD-Mesh™ 60</i>	Slope	Spun mattress coir yarns, 100% natural. Typical weight = 18 oz/square yard; Typical wet tensile strength = 340x310 lbs/feet; Typical dry tensile strength = 525 x 473 lbs/feet; Typical limiting shear stress bare soil = 3.6 lbs/ft ² .
14.	<i>CocoFlex ET-FGM</i>	Slope	CocoFlex Extended Term - Flexible Growth Medium (ET-FGM) is designed with blended coconut and wood fibers, crimped interlocking man-made fibers and additives that are designed to perform under extreme conditions. Designed to last for up to two years. It requires no cure time. CocoFlex is engineered for semi-arid areas and sites where vegetation establishment may be delayed due to harsh conditions. In addition, it can be combined with other erosion control technologies to accommodate a broad range of conditions.
15.	<i>Conwed® Hydro Mulch®</i>	Mulch	Wood fiber mulch consisting of virgin wood fibers manufactured expressly from whole wood chips and not produced from recycled materials such as sawdust, paper, cardboard, or residue from pulp and paper plants. Typical bag weight = 100 lbs; typical moisture content = 10% ± 3%; typical ash content 0.8% ± 0.2% OD basis.
16.	<i>Cotton Fiber Matrix (CFM)</i>	Slope	CFM™ (Cotton Fiber Matrix) cotton hydromulch is composed primarily of cotton end product and straw. Combined with polymer to provide sediment and erosion control. The cotton and straw provides an organic balance that naturally biodegrades to a soil-enriching and seed nurturing compost.
17.	<i>Curlex® I</i>	Slope	Machined mat of curled wood excelsior of 80%, six-inch or

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		Channel	longer fibers. The top of each blanket is covered with a photodegradable extruded plastic mesh. Typical weight = 0.975 lbs/sq yd; typical roll width - 48 or 96 inches; typical roll length = 90 feet.
18.	<i>Curlex® II (Double Sided)</i>	Channel	Wood-machined mat of curled wood excelsior of 80%, six-inch or longer fibers. Both the top and the bottom of the blanket are covered with a photodegradable, extruded plastic mesh. Typical weight = 1.0 lb/sq yd; typical roll length = 112.5 feet or 180 feet; typical roll width = 4 feet.
19.	<i>Curlex® II Stitched</i>	Channel	Natural excelsior blanket of 100% Great Lakes Aspen with curled, interlocking fibers with barbed edges. 80% of the fibers are a minimum of 6 inches. Net material is polypropylene with green or white UV degrader additive. Net openings are ¾" x 1 5/8".
20.	<i>Curlex® III Stitched</i>	Channel	Natural excelsior blanket made of 100% Great Lakes Aspen with curled interlocking fibers with barbed edges. Top and bottom are covered with heavy duty black polypropylene netting with ¾"x3/4 " openings. Weight: 1.25 lbs./square yard. Water absorption 250%. Will remain on the soil for a minimum of 3 years.
21.	<i>Curlex® Channel Enforcer I</i>	Channel	Natural, excelsior blanket made of 100% aspen excelsior, covered on the top and bottom sides with a polypropylene netting with approximate ¾" x ¾" openings Typical weight = 1.25 lbs/SY; typical roll width = 4 & 8 feet; typical roll length = 100 & 50 feet.
22.	<i>Curlex®-Channel Enforcer II</i>	Channel	Natural, excelsior blanket of 100% aspen excelsior, 80% of fibers a minimum of 6" long with polypropylene - black netting on the top side and heavy-duty black netting on the bottom. Typical widths = 4 and 8 feet; typical lengths = 100 and 50 feet; typical weight = 55.5 lbs.
23.	<i>Curlex®-LT</i>	Slope	Natural, excelsior blanket made of 100% virgin aspen excelsior, covered on the top and bottom sides with polypropylene netting with approximate ¾" x 1-5/8" openings. Typical weight = 0.64 lbs/sq yd; typical roll width = 8 feet; typical roll length = 90 feet.
24.	<i>EarthBound [99]</i>	Slope	An anionic polyacrylamide erosion control agent and mulch tackifier designed to bind fine soil particles to soil.. Product is available in 5-lb and 35-lb containers.
25.	<i>EarthGuard Fiber Matrix</i>	Slope	EarthGuard fiber matrix (FM) combines EarthGuard and fiber to form a matrix for erosion control. Wood fiber can be used in conjunction with paper fiber (paper fiber can be substituted up to 50% of the total fiber weight requirement) and Seed can be added to the blend for long-term or permanent erosion control.
26.	<i>Earth-Lock</i>	Channel	Machine-produced mat of curled wood excelsior of 80%, 9 inches or longer fiber length with consistent thickness and the fiber evenly distributed over the entire area of the mat. The excelsior shall be stitched to the plastic mesh and geogrid on

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			a minimum of three inch centers with synthetic yarn. Typical roll weight = 75 lbs ± 10%; typical roll width = 7.5 feet; typical roll width = 6.5 feet.
27.	<i>Earth-Lock II [99]</i>	Channel	Machine produced mat of curled wood excelsior of 80%, 9inches or longer fiber length with consistent thickness and the fiber evenly distributed over the entire area of the mat. The bottom side of the mat shall be a high strength nylon geomatrix. The curled wood excelsior is stitched to reinforced netting and a high strength geomatrix on 1 ½” centers with synthetic yarn. Roll width 6.35 ft; roll length 120 ft; weight per roll – 103 lbs ±10%; volume per roll – 84 Sq yds; mesh – ¾ “ x ¾” one side; high strength nylon geomatrix – one side.
28.	<i>EcoAegis™</i>	Slope	Bonded Fiber Matrix composed of proprietary blend of materials that work in combination to bond wood fibers into a durable matrix. Composition is refined wood fiber (90% by weight) and blended hydrocolloid-based binder (10%) by weight, natural in color, designed to be applied through conventional hydraulic seeding equipment with mechanical agitation.
29.	<i>Econo-Jute[99]</i>	Slope	100% biodegradable erosion control fabric woven from 100% jute yarns. Weight per roll – 56 lbs. Roll size – 4’ x 225’; roll coverage – 100 sq yds; Open area – 50-60%.
30.	<i>Everhold XL2</i>	Channel	Wood fiber mat produced of wood excelsior of 80% eight-inch or longer fiber lengths. Blanket shall be of consistent thickness and each side covered with a photo-degradable plastic mesh and stitched on 3” centers. Typical width = 7.5 feet; typical length - approx 96 feet; typical weight = 80 lbs/roll ±10%.
31.	<i>Everhold XL1</i>	Slope	Extra long fibers of interlocking stitched wood excelsior mat. Typical weight per roll = 68 lbs ± 10%; typical roll length = 96 feet; typical roll width = 7.5 feet.
32.	<i>Enkamat® 7018 MacMat N10</i>	Channel	Mat consisting of heavy nylon monofilaments fused at their intersection. 97% of the geomatrix shall be open space available for soil and root interaction. Matting will have three-dimensional stability without laminated or stitched layers. Typical weight = 8.6 oz/sq yd; typical roll length - 227 feet; typical roll width = 39 inches.
33.	<i>Enkamat® 7020 MacMat N20</i>	Channel	Mat consisting of heavy nylon monofilaments fused at their intersection. 97% of the geomatrix shall be open space available for soil and root interaction. Matting will have three-dimensional stability without laminated or stitched layers. Typical weight = 12 oz/sq yd; typical roll length - 227 feet; typical roll width = 39 inches.
34.	<i>Enviro-Gro</i>	Mulch	Hydraulic mulch - no product literature available for this product.
35.	<i>EnviroGuard Plus</i>	Slope	Natural soil amendment made from recycled waste paper and animal manure
36.	<i>Enviro-Matrix®</i>	Slope	A hydraulically applied BFM consisting of a blend of fibers

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	<i>Enviro-Shield®</i>		and bonding ingredients which are totally biodegradable and safe to fish, birds, plants and animals. Enviro-Matrix/Enviro-Shield can be mixed at 50 lbs per 60 gallons of water.
37.	<i>Evercycle™ Hydro-Mulch</i>	Mulch	Hydraulic mulch manufactured from municipal solid waste containing paper, plastics and organics. Generally free of weed seed and contain no growth-inhibiting foreign matter.
38.	<i>Excel CC-4</i>	Slope	A matrix of 100% coconut fibers stitched between two nets. CC-4 is available with ultraviolet stabilized, synthetic (Regular) or biodegradable (All-Natural) netting. CC-4 with All Natural netting is utilized as a temporary ECB. The CC-4 extended term ECB provides erosion control for a period of up to three years and serves as a mulching layer.
39.	<i>Excel CS-3 All Natural</i>	Slope	Extended-term, double-net coconut/straw blanket – 30% coconut and 70% weed free straw, stitched between 2 UV stabilized synthetic nets. Up to 30% of original matrix is still in place after 12 months.
40.	<i>Excel PP5-10</i>	Slope Channel	100% Synthetic Erosion control TRM containing synthetic fibers woven into two layers of synthetic netting. The top net is 100% synthetic heavy weight netting and the bottom is medium weight poly netting. Width = 7.5'/2.29 (ft./meters): • Length = 120'/36.57 (ft./meters): • Weight = .625 (lbs. sq. yd) • Area= 100/83.60 (sq. yds./sq. meters): * The only difference between PP5-8, PP5-10 and PP5-12 is the weight of the mat.
41.	<i>Excel PP5-12</i>	Slope Channel	100% Synthetic Erosion control TRM containing synthetic fibers woven into two layers of synthetic netting. The top net is 100% synthetic heavy weight netting and the bottom is medium weight poly netting. Width = 7.5'/2.29 (ft./meters): • Length = 120'/36.57 (ft./meters): • Weight = .75 (lbs. sq. yd) • Area= 100/83.60 (sq. yds./sq. meters): * The only difference between PP5-8, PP5-10 and PP5-12 is the weight of the mat.
42.	<i>Excel R-1</i>	Slope Channel	100% Rocky Mountain Excelsior matrix stitched to a single net. R-1 (Regular) contains photodegradable, synthetic netting. R-1 is available in natural or dyed green colors. Serves as an ECB for up to 12 months.
43.	<i>Excel SD-3</i>	Channel	100% Rocky Mountain Excelsior matrix stitched between two heavy-duty, synthetic nets. SD-3 is manufactured to incorporate a heavier excelsior matrix, greater tensile strength and thickness than standard excelsior blankets. The SD-3 ECB provides erosion control for a period of up to eighteen months and serves as a mulching layer.
44.	<i>Excel SR-1</i>	Slope	Temporary Erosion Control Blanket consisting of 100% certified weed free straw matrix stitched to a single net. Available in photodegradable (regular); rapid photodegradable, synthetic netting (Rapid-Go); or all natural biodegradable netting (All-Natural). Provides erosion control

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			for up to one year and serves as mulching layer.
45.	<i>Excel S-2</i>	Slope Channel	100% Rocky Mountain Excelsior matrix stitched between 2 nets. S-2 is available with photodegradable, synthetic netting (Regular); rapid photodegradable, synthetic netting (Rapid-Go); or all natural biodegradable netting (All-Natural). R-1 is available in natural or dyed green colors. Serves as an ECB for up to 12 months.
46.	<i>Excel SS2</i>	Slope Channel	100% Weed Free agricultural straw woven to rapid degrading poly net or a 100% Jute fiber scrim cloth net with 100% cotton thread. Width = 7.5'/2.29 (ft./meters): Length = 120'/36.57 (ft./meters): Weight = .50/.2268 (lbs. sq. yd) Area= 100/83.60 (sq. yds./sq. meters)
47.	<i>Excel R-1</i>	Slope Channel	100% Rocky Mountain Excelsior matrix stitched to a single net. Completely biodegradable netting available in natural or dyed green colors. The R-1 ECB provides erosion control for a period of up to twelve months and serves as a mulching layer
48.	<i>Flexterra FGM</i>	Slope	Flexterra is a flexible growth medium (FGM) made of Thermally Refined™ wood fibers, crimped interlocking fibers, and additives that are engineered to perform under extreme conditions and severe slopes. Flexterra can also be combined with other erosion control technologies to accommodate a broad range of conditions.
49.	<i>GeoSkin™ Hydro Mulch</i>	Mulch	GeoSkin cotton hydromulch is composed primarily of cotton end product and straw. Organic balance is achieved naturally, then, biodegrading to a soil-enriching and seed nurturing compost.
50.	<i>Greenfix CFO72RR</i>	Channel	Three dimensional black nylon mesh combined with a biodegradable coconut mat bonded together with a high strength UV resistant thread and net. Rolls are 6.5 x 55.5 feet.
51.	<i>Greenfix CFG 2000</i>	Channel	A permanent erosion control blanket constructed of 100% coconut fiber stitched bonded between a heavy weight UV stabilized bottom net and a heavy weight UV stabilized top net. All overlaid with a permanent heavy duty flexible biaxial geogrid. The netting layers are stitched together on 1.5 inch centers with UV stabilized polypropylene monofilament thread to form a permanent two dimensional reinforcement structure. The functional longevity of the coconut fiber matrix is approximately 36 plus months. The mats are rolled and then packaged in a degradable recycled poly sleeve. • Width - 7.5 ft. (2.3 m) • Length - 72 ft.(21.9 m) • Weight - Minimum of 57 lbs. per roll (19.0 kg) • Area - 60 sq. yds. (50 sq. meters)
52.	<i>Greenfix WS05</i>	Slope	Machine-produced, 100% certified weed free agricultural straw fibers evenly distributed over the entire area of the blanket. The straw fibers are sewn into a single net medium weight photodegradable top net on 1.5 inch centers with

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			cotton polyester or polypropylene thread The blankets are at a minimum (60 sq. yds.) per roll. Typical width=8.0 ft. (2.4 m) Typical length=67.5 ft.(20.5 m), Typical Weight=Minimum of 30 lbs. per roll (13.6 kg) +/- 10%, Typical area=60 sq. yds. (50 sq. meters)
53.	<i>Greenfix WSO72 [99]</i>	Slope	Blanket containing 100% fiber content; roll width = 8'; roll length = 67.5 feet; Roll area = 60 sq yds; Weight = 0.70 Lbs./Sq Yd; Weight per blanket = 42 lbs; Functional longevity = 10-12 months; light photodegradable top netting and medium photodegradable bottom netting.
54.	<i>GreenSolutions® DNS-2</i>	Slope	Physical properties: 8.4 oz /sq yd, .25 in thickness, 75 x 75 lb/ft grab tensile strength, grab elongation 25%, functional longevity – 12 months. 100% Wheat straw mechanically bound and covered on both sides by photodegradable polypropylene netting – with mesh openings of ½” x ½”. The blanket is sewn on 1 ½” centers with photodegradable polypropylene thread.
55.	<i>GreenSolutions® SNS-1</i>	Slope	Physical prop.: 8 oz/ sq yd, 0.11 in thickness, 50 x 65 lb/ft grab tensile strength, grab elongation 20%, functional longevity – 10 months. 100% Wheat straw mechanically bound and covered on both sides by photodegradable polypropylene netting – with mesh openings of ½” x ½”. The blanket is sewn on 1 ½” centers with photodegradable polypropylene thread.
56.	<i>Hydra CX2</i>	Slope	Hydra CX2 is a cotton hydromulch is composed primarily of cotton end product and straw. Combined with polymer to provide sediment and erosion control. The cotton and straw provides an organic balance that naturally biodegrades to a soil-enriching and seed nurturing compost.
57.	<i>Hydro-Lok</i>	Mulch	Made from wood fiber cellulose, dyed green, with a moisture content of 12% (+-3). Applegate Hydro-Lok is manufactured from 100% recycled newspaper. pH ranges from 4.0 to 8.5.
58.	<i>HydroStraw</i>	Mulch	Contains annually renewable organic fibers and SiltStop Tackifier. More optimum carbon to nitrogen ratios than paper or wood mulches. Mixture Rates: 60lbs per 100 gallons for hose work; 75lbs per 100 gallons for tower work. Promises to spray 50% more area per tank load – by adding 50% more mulch (less water).
59.	<i>K-MAT [98]</i>	Slope	Bonded fiber matrix of blended natural and cellulose fiber. Intense green in color. Organic matter >99%; moisture content = 12% ±3%; water holding capacity = 1,300 grams per 100 grams of fiber; pH range 6.5 ±1%
60.	<i>KoirMat™ 400</i>	Slope	No product literature available
61.	<i>Koirmat™ 700</i>	Channel	Made from 100% white coir fiber. Typical thickness = 0.30 inch; typical mass per unit area (min) = 20 lz/sq yd;
62.	<i>KoirMat™ 740</i>	Channel	No product literature available

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63.	<i>Landlok® CS2™</i>	Slope	70% straw and 30% coconut fiber mat with a lightweight photo-degradable netting on the bottom side, and a long-lasting, UV-stabilized netting on the top side, sewn on two inch centers. Typical roll weight = 40 lbs (0.5 lbs/sq yd); Typical roll length = 90 feet; typical roll width = 7.5 feet.
64.	<i>Landlok C2</i>	Channel	100% mattress grade coconut fiber (0.670 lb/square yard) covered on both sides by netting sewn with UVI treated polypropylene, black thread minimum 1000 denier. Typical width = 7.5 feet; typical length = 90 feet; typical roll weight = 45 lbs.
65.	<i>Landlok® S1</i>	Slope	Machine-produced mat of 100%, weed-free wheat straw by weight, covered on the top side with a lightweight, photodegradable polypropylene netting with an approximate ½" x ½" opening, sewn together on 2 inch centers. Typical weight = 0.5 lbs/sq yd. Typical roll length = 90 feet. Typical roll width = 7.5 feet.
66.	<i>Landlok® S2</i>	Slope	Machine-produced mat of 100% weed-free wheat straw by weight, covered on the top and bottom sides with lightweight, photodegradable, polypropylene netting with approximate ½" x ½" openings, sewn together on two inch centers. Typical weight = 0.5 lbs/sq yd; typical roll width = 7.5 feet; typical roll length = 90 feet.
67.	<i>Landlok® CS2</i>	Channel	100% mattress grade coconut fiber (0.670 lb/square yard) covered on both sides by netting sewn with UVI treated polypropylene, black thread minimum 1000 denier. Typical width = 7.5 feet; typical length = 90 feet; typical roll weight = 45 lbs.
68.	<i>Landlok® 407</i>	Slope	Flexible, non-organic, open-weave geotextile consisting of perpendicular rows of multifilament and tape yarns woven together resulting in a dimensionally-stable matrix. Typical weight = 10.5 oz / sq yd; typical width = 6.5 feet; typical length - 138.5 feet.
69.	<i>Landlok® S2</i>	Channel	Composed of 100% straw fibers stitch-bonded to two nets. Photodegradable netting on top and bottom. Used for low-flow channels and moderate slopes; one-year life span.
70.	<i>Landlok® TRM 435</i>	Slope Channel	Dense web of green polypropylene fibers positioned between two biaxially-oriented nets and mechanically bound together by parallel stitching with polypropylene thread. Matrix is stabilized against ultraviolet degradation and inert to chemicals normally found in a natural soil environment. Typical mass per unit area = 8.5 oz/yd ² ; typical thickness 0.40 inch; typical ground cover factor = 70%; typical roll sizes = 6.5 feet x 138.5 feet (100 yd ² - 50 lbs).
71.	<i>Landlok® TRM 450</i>	Channel	Dense, three-dimensional web of polyolefin fibers positioned between two, biaxially-oriented nets and mechanically bound together by parallel stitching with polyolefin thread. Typical

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			weight = 10.5 oz / sq yd; typical roll width = 12.5 feet (4 ft width optional).
72.	<i>Landlok TRM 1051</i>	Slope	Turf reinforcement mat consisting of a lofty web of black polypropylene fibers positioned between two high strength nets, mechanically bound together by parallel stitching with polypropylene thread. Every component is UV stabilized. Mass per unit area = 10.0 oz/ sq yd; thickness = 0.40 inch; ground cover factor = 50%.
73.	<i>Lay-Low Mulch</i>	Mulch	Hydraulic mulch composed of natural cellulose fiber; water holding capacity = 1400%; moisture content = 7.9%; organic matter = 99.2%; Ash content = 0.75; pH range = 6.5; Boron = 22ppm
74.	<i>Mat-Fiber Plus®</i>	Mulch	100% virgin wood fiber with 3% tackifier. Typical bag weight = 50 lbs; typical moisture content = 12% ± 3%; typical ash content 1.0%
75.	<i>Miramat® 1000</i>	Slope	A flexible, three-dimensional web of bonded polypropylene monofilaments. Typical weight = 9.6 oz /sq yd; typical roll width = 4.3 feet; typical roll length = 210 feet.
76.	<i>Miramat® TM8™</i>	Channel	Flexible, three-dimensional synthetic mat. Typical weight = 12 of / sq yd; typical roll width = 12 feet; typical roll length = 100 feet.
77.	<i>Multimat 100</i>	Slope Channel	Turf reinforcement matrix and erosion control revegetation matrix blanket is a three-dimensional structure securing two high strength, high modulus biaxially oriented nets above and below a corrugated center netting. Mass per unit area = 9.4 oz/sq yd; thickness = 700 mills; roll width = 7.2 feet; roll length = 98.5 feet; roll area = 710 feet.
78.	<i>North American Green C125 BN</i>	Channel	Machine-produced 100% biodegradable mat with 70% agricultural straw and 30% coconut fiber blend matrix. Blanket is covered on top and bottom sides with 100% biodegradable woven natural organic fiber netting. Roll width 6.5 feet; roll length 83.5 feet; roll weight 40 lbs ±10%; roll area 60 sq yds.
79.	<i>North American Green C350</i>	Channel	. A permanent Turf reinforcement Mat comprised of a permanent, super high strength three dimensional matting structure incorporated with a 100% coconut fiber matrix. Designed to provide both long term pre-vegetated erosion protection and permanent turf reinforcement for severe slopes, critical flow channels, stream banks and shorelines.
80.	<i>North American Green SC250</i>	Channel	A permanent Turf reinforcement Mat comprised of a permanent, high strength three dimensional matting structure incorporated with a straw coconut fiber matrix. Designed to provide both long term pre-vegetated erosion protection and permanent turf reinforcement for severe slopes, high flow channels and stream banks.
81.	<i>North American Green</i>	Channel	100% coconut fiber, stitch-bonded between a heavy-duty,

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	<i>C350™ Three Phase™</i>		UV-stabilized bottom net, and a heavy-duty, UV-stabilized cusped (crimped) middle netting, overlaid with a heavy duty, UV-stabilized top net. The three nettings are stitched together on 1.5 inch centers, with UV-stabilized, polyester thread. Typical weight = 0.92 lbs /sq yd
82.	<i>North American Green P550</i>	Channel	A permanent Turf reinforcement Mat comprised of a permanent, ultra high strength three dimensional matting structure incorporated with a 100% polypropylene fiber matrix. Designed to provide both long term pre-vegetated erosion protection and permanent turf reinforcement in a variety of applications including extreme flow channels, spillways, stream banks and shorelines.
83.	<i>North American Green S150</i>	Slope Channel	Machine-produced mat of 100% agricultural straw, covered on the top and bottom sides with a polypropylene net having an approximate opening of ½" x ½", and sewn together by cotton thread. Typical roll weight = 30 lbs ± 10% per roll; typical roll width = 6.5 feet; typical roll length - 83.5 feet.
84.	<i>North American Green S150 BN</i>	Slope	Machine-produced, 100% biodegradable mat with agricultural straw fiber matrix. Mat covered on top and bottom with 100% biodegradable woven natural fiber net. Typical roll weight = 40 lbs ± 10%; typical roll length = 83.5 feet ± 5%; typical roll width = 6.5 feet ± 5%.
85.	<i>North American Green S75</i>	Slope	Machine-produced mat of 100% agricultural straw, covered on the top side with a polypropylene net having an approximate ½" x ½" mesh, sewn together with cotton thread. Typical roll weight = 30 lbs ± 10%; typical roll length = 83.5 feet.
86.	<i>North American Green S75 BN</i>	Slope	Machine-produced mat of 100% straw fiber. The blanket shall be covered on the top side with a 100% biodegradable woven natural organic fiber netting having an approx ½" x 1" opening. Typical roll width = 6.5 feet; typical roll length = 83.5 feet; typical roll weight = 35 lbs ± 10%.
87.	<i>North American Green SC150 BN</i>	Slope	No literature available
88.	<i>North American Green SC150</i>	Slope	Machine-produced mat consisting of 70% agricultural straw and 30% coconut fiber, covered on the top side by a polypropylene net having an approx 5/8" x 5/8" mesh, and on the bottom side by a polypropylene net with an approx ½" x ½" mesh, sewn together with cotton thread. Typical roll weight = 30 lbs ± 10% per roll; typical roll length = 83.3 feet; typical roll width = 6.5 feet.
89.	<i>North American Green SC250</i>	Channel	A permanent Turf reinforcement Mat comprised of a permanent, high strength three dimensional matting structure incorporated with a straw coconut fiber matrix. Designed to provide both long term pre-vegetated erosion protection and permanent turf reinforcement for severe slopes, high flow channels and streambanks.
90.	<i>North American Green S350</i>	Channel	Machine produced mat of 100% wheat straw matrix. Mat is

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			covered with super heavy duty polypropylene matting. Rolls are 6.5x55.5 feet that cover 40 sq. yards.
91.	<i>Oasis Fiber-Mulch</i>	Mulch	Manufactured from a blend of 100% recycled fiber without growth or germination inhibiting factors. Moisture content 12%± 3%; Ash content 4%±3%; Organic matter = 96% ±2%; Moisture holding capacity = 1200-1500 grams per 100 grams oven dry fiber
92.	<i>PennzSuppress®</i>	Slope Mulch	No literature available
93.	<i>Permamat 150F</i>	Channel	Biodegradable mat produced from heavy Aspen wood excelsior, under laid with a non-woven fabric and encapsulated by permanent UV stabilizing netting with a minimum life expectancy of 20 years. Typical roll width 4 or 8 feet; typical roll length - 75 or 50 feet; typical roll weight - 58 lbs or 77 lbs.
94.	<i>Permamat 200F</i>	Channel	Machine-produced mat of evenly distributed Aspen wood excelsior fibers, 80% of which are six-inches or longer. The mat is completely encased in a black, extruded-plastic netting , treated to retain intact both in direct sunlight and when buried. The netting mesh size is approx ¾" x 3/8". Plastic netting is securely attached to the excelsior. Typical weight = 2.34 lbs/sq yd; typical roll length = 75 feet; typical roll width = 4 feet.
95.	<i>POZ-O-CAP®</i>	Slope	Product consisting of dry powder mix of cementious and hydrated lime, with a dry, cellulose-derived fiber reinforcing additive, applied through standard hydraulic seeding processes.
96.	<i>Proguard S1</i>	Slope	Organic blanket made from virgin wheat straw covered on the top side by netting. Typical roll weight - 50 lbs ± 10%; typical roll width = 7.5 feet; typical roll length = 120 feet.
97.	<i>Proguard S2</i>	Slope Channel	Mats produced of wheat straw filler and reinforced by lightweight, ¾" photo-degradable netting stitched on 1.5" centers. Typical width = 7.5 feet; typical length = approx 120 feet; typical weight = 55 lbs/roll ± 10%
98.	<i>Pro Mat®</i>	Mulch	Recycled cellulose fiber mulch manufactured from corrugated paper fibers. Typical bag width = 50 lbs; typical moisture content = 12% ± 3%; typical ash content = 1.6% maximum.
99.	<i>Pro Mat® XL</i>	Mulch	Natural, cellulose wood fiber hydro-mulch, manufactured from 85% recycled newspaper. Ash content less than 1.6% (dust); moisture content of not more than 15%.
100	<i>Pro Mat® XL with Airtak</i>	Mulch	Natural, cellulose wood fiber hydro-mulch, manufactured from 85% recycled newspaper. Ash content less than 1.6% (dust); moisture content of not more than 15%. No product literature available on Airtak.
101	<i>Pyramat®</i>	Channel	Three-dimensional, lofty, woven polypropylene geotextile, composed of polypropylene monofilament yarns woven into a uniform configuration of resilient pyramid-like projections. Typical weight = 15 oz / sq yd; typical roll length = 90 feet;

General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
			typical roll width = 6 feet.
102	<i>Recyclex TRM</i>	Channel	A permanent, erosion control blanket made from 100% recycled, post consumer goods. Its fibers are made from 100% recycled green soda bottles woven in between 2 layers of a polypropylene netting to form a three dimensional matrix. Typical width= 8.0 ft (2.4 m) Typical length= 90.0 ft (27.43 m) Typical Weight= 50 lb (22.68 kg) Typical area= 80 yd ² (66.89 m ²).
103	<i>Rhino Erosion King Single Net</i>	Slope Channel	Single photo-degradable net made from high quality clean straw. Recommended for difficult areas and slopes. Available in 8 x 112.5 ft and 6.5 x 138.5 ft rolls
104	<i>Rhino Erosion King Double Net</i>	Slope Channel	Two photo-degradable nets holding the clean straw fibers in place. Recommended for difficult areas and slopes. Available in 8 x 112.5 ft and 6.5 x 138.5 ft rolls
105	<i>Second Nature® Wood Fiber Blend</i>	Mulch	A blend of natural wood fiber (virgin hardwood chips) and paper fiber mulch (above), recommended for at least 1500 lbs per acre (moderate slopes) and 2000 lbs per acre on 3:1 to 2:1 slopes. It is also available with tackifier.
106	<i>Second Nature Regenerated Wood Fiber Mulch</i>	Mulch	A wood fiber hydraulically applied mulch made exclusively from Virgin Hardwood chips. Consistent color, coverage and color retention. This product is available with a tackifier.
107	<i>Second Nature Paper Fiber</i>	Mulch	Recycled paper fibers make up 90% of the content with a moisture content of ~12%. Application color is green with a water holding capacity of 1.2 gal/lb. It has a water holding capacity of nearly 10 times its weight and is recommended for application of minimum 1500 lbs per acre.
108	<i>Second Nature Straw Tack</i>	Mulch	Recycled straw tack is a blend of biodegradable paper fibers that bond to straw to hold it in place, decomposing while vegetation establishes. 750 pounds per acre is required to tack vegetative mulch.
109	<i>SEC-S 2</i>	Slope	Made from weed free cereal grain (wheat) straw, stitched between two standard photo-degradable polypropylene nets with fibrillated photo-degradable polypropylene yarn. Edges are secured by reinforced stitching to minimize fleece loss. Hemmed edges, increase uniformity and strength, decreasing fleece loss. 9 month functional longevity with ½" x ½" matrix.
110	<i>SEC XL2</i>	Channel	Double net excelsior blanket is made of packaging grade aspen excelsior stitched to two standard nettings. The edges are secured by reinforced stitching to minimize fleece loss at the edges. Hemmed edges, which increase uniformity, strength, and further decrease fleece loss at the edges, are available.
111	<i>Seed-Guard™</i>	Slope	Natural green mat woven from photo-degradable, polypropylene yarns
112	<i>Soil Guard™</i>	Slope	A bonded fiber matrix material produced from 100% wood

General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
			fiber with natural binders. The product is designed to disperse rapidly in water, remain in uniform suspension under agitation, and be applied through standard hydraulic seeding processes.
113	<i>SprayMat®</i>	Slope	A hydraulically applied bonded fiber matrix product made from non-toxic, biodegradable, premium regenerated paper fiber materials and bonding elements. Seed and Fertilizer can be applied with this product and no additional tackifiers or additives are needed.
114	<i>StayTurf</i>	Channel	Reinforced soils free carpet of natural turf which provides immediate and permanent protection against soil erosion. The turf is produced by growing turf grass on Staymat (which is an organic blanket reinforced with a UV Stabilized mesh. Since the turf is already established this TRM requires no grow-in period.
115	<i>SuperGro</i>	Slope	Flexible, light-weight geocomposite, consisting of nonwoven, isotactic, polypropylene staple, uniform fiber blanket, reinforced with polypropylene netting, earth tone in color. Typical weight = 1.0 oz / sq yd; typical roll length - 250 linear yards; typical roll width = 4 feet.
116	<i>SureTurf ST 1000</i>	Slope Channel	A preseeded temporary erosion control blanket. Top Layer: 100% Photodegradable polyethylene film Middle Layer: 100% biodegradable cellulose Between 2 layers: Pure Live Seeds Bottom Layer: 100% biodegradable pulp attached to a photodegradable polypropylene net.
117	<i>S 31 Single Net Straw ECB</i>	Slope	S31 blanket is manufactured from 100% agricultural straw stitched to one photodegradable polypropylene top net with a mesh size of 1.49 x 1.3 cm (0.588 x 0.5 in). The "S" and "3" represent straw applied at a minimum of 270 g/m ² (0.5 lbs/yd ²) and the "1" represents that the blanket is only netted on the topside. The blanket is sewn together on 38.1 mm (1.5 in) centers, with photodegradable thread to ensure the same rate of degradation for the net and thread.
118	<i>S 32 Double Net Straw ECB</i>	Slope	The S32 blanket is manufactured from 100% agricultural straw stitched between two photodegradable polypropylene nets with a mesh size of 1.49 x 1.3 cm (0.588 x 0.5 in). The "S" and "3" represent straw applied at a minimum of 270 g/m ² (0.5 lbs/yd ²) and the "2" represents that the blanket is netted on the top and bottom sides. The blanket is sewn together on 38.1 mm (1.5 in) centers, with rapid photodegradable thread to ensure the same rate of degradation for the net and thread.
119	<i>Terra Control</i>	Slope	Polyvinyl acetate dispersion containing easily-biodegradable plasticizers, formulated as a milky-white, bio-degradable synthetic resin dispersion in water, designed for hydraulic applications.

General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
120	<i>Terra Mulch</i>	Slope	100% wood cellulose fiber mulch hydraulically applied. Contains 93% organic matter and 7% ash content. Seed and fertilizer can be mixed in and applied with this product.
121	<i>Verdyol® ERO-MAT™</i>	Slope	Machine-produced mat of agricultural straw, covered on one side of the blanket with a photodegradable, synthetic mesh adhered to the straw by a knitting process using degradable thread. Typical roll weight = 50 lbs ± 1 lb per roll; typical width = 7.5 feet; typical length = 120 feet.
122	<i>Verdyol® EXCELSIOR High Velocity</i>	Slope Channel	Machine-produced mat of 100% clean wood excelsior fibers processed from hardwood. The top and bottom sides of the blanket are covered with an extruded, degradable polypropylene netting of ¾" x ¾" openings. Typical weight = 1.1 lbs / sq yd; typical roll width = 7.5 feet; typical roll length = 96 feet.
123	<i>Verdyol® EXCELSIOR Standard</i>	Slope	Machine-produced mat of 100% clean wood excelsior fibers processed from hardwood. The top and bottom sides of the blanket are covered with an extruded, degradable polypropylene netting of ¾" x ¾" openings. Typical weight = 0.85 lbs / sq yd; typical roll width = 7.5 feet; typical roll length = 96 feet.
124	<i>WintersChoice™</i>	Slope	An erosion control blanket made from agricultural straw and coconut fiber. The coconut fibers are blended into the straw blanket and comprise 30% of the total weight of the blanket with the remaining 70% straw. The coconut and straw fibers are evenly distributed in blanket and are stitched to the top and bottom longer duration netting with UV enhanced black polypropylene thread.
125	<i>Winters Coir</i>	Slope	A 100% coconut fiber blanket with coconut fibers evenly distributed in the blanket and then stitch bound between 2 black polypropylene UV enhanced photo-degradable nettings.
126	<i>WintersStraw HV</i>	Slope	A 100% agricultural straw blanket with straw evenly distributed between 2 stitch bound photo-degradable synthetic nettings.
128	<i>WintersStraw SN</i>	Slope	A Natural erosion control blanket made from 100% weed free Midwest straw. The Straw fibers are stitched together to form a flexible erosion control blanket with netting on the top side of the blanket.
Last			