

# 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 Channel	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 Channel	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.

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6.	<i>Airtrol®</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.
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>American Excelsior Bindex BFM</i>	Slope	Bindex BFM is a one-step erosion control system that provides intimate protection. Bindex BFM combines natural wood fibers, including Curlex fibers, with a cross-linked binder, tackifier, and dye that is mixed with water and applied hydraulically. The resultant matrix becomes water insoluble for maximum protection and effective germination immediately after drying.
12.	<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.
13.	<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.
14.	<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 <sup>2</sup> .
15.	<i>Channel Soxx</i>	Channel	A certified compost material that is mechanically placed inside of a long term UV stabilized Filtrex Filtersoxx mesh which provides for certified weed free erosion control tubes. Designed to be placed in direct channel flow situations to provide effective erosion control and permanent vegetation establishment.

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16.	<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.
17.	<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.
18.	<i>Conwed Fibers® Hydromulch 2000</i>	Slope	100% wood fiber with a premium tackifier included. Tackifier is a pre-blended high-viscosity, organic guar-gum tackifier for superior erosion control performance. Reduces soil loss and enhances germination. Holds 13.5 times its own weight in water for superior seedling establishment. Meets or exceeds all requirements for wood fiber mulch.
19.	<i>Curlex II® .98</i>	Channel	Curlex II .98 erosion control blanket (ECB) provides a temporary, biodegradable cover material to reduce slope and channel erosion and to enhance revegetation. It consists of seed-free Great Lakes Aspen curled wood excelsior with 80% of the fibers greater than 6 inches in length. The blanket is of a consistent thickness with fibers evenly distributed throughout the entire product. The top and bottom of each blanket is covered with black polypropylene netting containing oxo-biodegrader additive.
20.	<i>Curlex® I</i>	Slope Channel	Machined mat of curled wood excelsior of 80%, six-inch or 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.
21.	<i>Curlex II</i>	Slope	A specific cut of Great Lakes Aspen curled wood excelsior with 80% six-inch fibers or greater fiber length. It has consistent thickness, with fibers evenly distributed throughout the entire area of the blanket. The top and bottom of each blanket is covered with photodegradable or biodegradable netting. Material is naturally seed free and does not contain chemical additives.

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22.	<i>Curlex® I CL</i>	Slope	A specific cut of Great Lakes Aspen curled wood excelsior with 80% six-inch fibers or greater fiber length. Consistent thickness, with fibers evenly distributed throughout the entire area of the blanket. Material does not contain any seeds or chemical additives. The top of each Curlex I CL is covered with netting.
23.	<i>Curlex® II CL</i>	Slope Channel	Curlex CL, is a cost effective lighter version of standard Curlex. Curlex CL offers the best of both worlds - all the unique benefits of the time proven Curlex fiber and a competitive price. Curlex CL blankets consist of unique softly barbed, interlocking, curled, Aspen excelsior fibers. They are 100% free of any seeds.
24.	<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.
25.	<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".
26.	<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.
27.	<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.
28.	<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.
29.	<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.

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30.	<i>Curlex® Netfree</i>	Slope	Curlex NetFree excelsior blankets are specifically designed to actually promote ideal growing conditions for grass seed, while simultaneously protecting topsoil from wind and water erosion without the use of polypropylene netting on the top or bottom of the blanket. While maintaining all the benefits of the industry standard Curlex® excelsior blanket, Curlex NetFree offers a solution that eliminates the fear of plastic or jute netting getting caught up in moving activities or animals becoming entrapped in environmentally sensitive job sites. Curlex blankets consist of unique softly barbed, interlocking, curled, Great Lakes Aspen excelsior wood fibers. They are weed seed free.
31.	<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.
32.	<i>EarthGuard Fiber Matrix</i>	Slope	EarthGuard Fiber Matrix (FM) is a patented methodology, which combines EarthGuard and fiber to form a effect erosion control matrix. EarthGuard utilizes an extremely high molecular weight blend of chemistry, which results in its superior charge density and soil stabilizing ability. It is designed to work directly with soil to maintain its stability by both preserving existing soil structure and flocculating fine sediment being dislodged by storm water or wind.
33.	<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 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.
34.	<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.
35.	<i>ECB S 31 Single Net Straw</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 <sup>2</sup> (0.5 lbs/yd <sup>2</sup> ) 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.

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36.	<i>ECB S 32 Double Net Straw</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 <sup>2</sup> (0.5 lbs/yd <sup>2</sup> ) 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.
37.	<i>ECB EX31</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.
38.	<i>ECB EX 32</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.
39.	<i>ECB SC 32 Double Net Extended Term</i>	Channel	A 70%straw/30%coconut matrix blanket with UV stabilized black top and photodegradable green bottom nets designed for longer term erosion control as compared to temporary blankets. Functional longevity is less than two years.
40.	<i>ECB P 42 TRM</i>	Channel	A permanent, 100% Synthetic, Double Net turf reinforcement mat. The matrix fiber weight is 0.75 lbs/yd <sup>2</sup> and the netting is black stabilized poly top and bottom netting for long term turf reinforcement.
41.	<i>ECP-2</i>	Channel	The ECP-2 is made with uniformly distributed 100% green polypropylene fiber and two medium weight polypropylene nets securely sewn together with UV stabilized thread. The tightly compressed blankets are wrapped and include a product label, code and installation guide. The blankets are palletized for easy transportation. The ECP-2 is a permanent turf reinforcement mat and is suitable for high-flow channels.
42.	<i>ECP-3</i>	Channel	The ECP-3™ is made with uniformly distributed 100% green polypropylene fiber and three heavyweight polypropylene nets securely sewn together with UV stabilized thread. The tightly compressed blankets are wrapped and include a product label, code and installation guide. The blankets are palletized for easy transportation. The ECP-3™ is a permanent turf reinforcement mat and is suitable for high-flow channels.

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43.	<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.
44.	<i>EcoFlex HP FGM</i>	Slope	EcoFlex® HP-FGM™ (High Performance-Flexible Growth Medium) elevates the performance the original Flexterra FGM to an even higher level. Hydraulically applied Flexterra HP-FGM delivers a higher germination and growth establishment rate. It also establishes erosion control effectiveness immediately upon application. 100% biodegradability & 100 % recycled wood fiber with crimped interlocking man made fibers. Non toxic in aquatic environments
45.	<i>East Coast Erosion Blanket ECS-1</i>	Slope	A single net straw blanket, Ideal for erosion protection and the establishment of vegetation for up to 12 months, the ECS-1 is an erosion control blanket designed for low maintenance areas such as subtle grades, swales, roadside slopes, and on slopes ranging from 4:1 to 3:1. The blanket is made from 100% agricultural straw, stitched with degradable thread to a single layer of photodegradable polypropylene netting.
46.	<i>East Coast Erosion Blanket ECS-2</i>	Slope	Consists of 100% straw mechanically bound and covered on both sides by photodegradable polypropylene netting. Straw is uniformly distributed throughout the blanket the outside edges of the blanket are hemmed and sewn to assist in holding straw uniformly in the body of the blanket.
47.	<i>East Coast Erosion Blanket T-RECS</i>	Channel	T-RECS, a revolutionary, three- dimensional, woven polypropylene, geotextile turf reinforcement mat that provides permanent soil erosion control. The mat's three-dimensional fibers and unique dome shape provide greater surface area to catch more seed, soil and water. The result is fast, lush, green vegetation. T-RECS high-performance mats can absorb the impact from high-channel flow velocities, waves, water, wind, and ice, and they're more cost effective than riprap. T-RECS can be surface applied, or soil filled, making it easy to use. Patent-pending, cross-directional monofilament structure are woven into T-RECS's unique dome shape, giving greater surface coverage and improved adherence to soil subgrade, which promotes faster vegetation and a stronger root system.
48.	<i>Erosion Tech ETRS-2</i>	Slope Channel	ETRS-2 is a double sided erosion control blanket. It is manufactured from 100% agricultural wheat straw mechanically bonded (stitched) in between two layers of medium weight synthetic poly-propylene netting.

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49.	<i>Erosion Tech ETPP-10</i>	Channel	ETPP-10 is a permanent turf reinforcement mat. The polypropylene matrix is mechanically bonded together (stitched) on two inch centers between two layers of heavy-duty UV-stabilized netting. Intended applications are for the stabilization of slopes and channels. The longevity of ETPP-10 is designed for applications needing greater than 3 years of reinforcement but results may vary dependent on climatic conditions.
50.	<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 $\pm 10\%$ .
51.	<i>Everhold XL1</i>	Slope	Extra long fibers of interlocking stitched wood excelsior mat. Typical weight per roll = 68 lbs $\pm 10\%$ ; typical roll length = 96 feet; typical roll width = 7.5 feet.
52.	<i>Encap PAM-12</i>	Slope	PAM-12™ is a combination of proven soil-stabilizing polymers known as linear anionic water-soluble polyacrylamides (WSPAM) that have been impregnated into a recycled office paper mulch. These soil-stabilizing polymers are released from the paper at varying rates when moisture is applied. The paper serves as the carrier, delivery system, and tracer for the polymers in PAM-12. In addition to the polymers, PAM-12 contains calcium and a physical tackifier in order to ensure performance in a variety of soils and conditions.
53.	<i>Enkamat® 7018</i> <i>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.
54.	<i>Enkamat® 7020</i> <i>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.
55.	<i>Enviro-Gro</i>	Mulch	Hydraulic mulch - no product literature available for this product.
56.	<i>EnviroGuard Plus</i>	Slope	Natural soil amendment made from recycled waste paper and animal manure
57.	<i>Enviro-Matrix®</i> <i>Enviro-Shield®</i>	Slope	A hydraulically applied BFM consisting of a blend of fibers 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.

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58.	<i>Enviroscape S2000</i>	Slope	A 100% Agricultural straw blanket with straw fibers stitched between two photodegradable or biodegradable nets using biodegradable thread
59.	<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.
60.	<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.
61.	<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.
62.	<i>Excel LC-1</i>	Slope	100% Rocky mountain Excelsior Blanket with chemical additives to enhance the erosion control performance of the blanket. LC-1 is similar to Rc-1, but is manufactured for lighter duty applications.
63.	<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.
64.	<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.
65.	<i>Excel S-1</i>	Slope	100% Rocky Mountain Excelsior matrix stitched to a single net. Completely biodegradable netting available in natural or dyed green colors. The S-1 ECB provides erosion control for a period of up to twelve months and serves as a mulching layer
66.	<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). S-2 is available in natural or dyed green colors. Serves as an ECB for up to 12 months.

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67.	<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.
68.	<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) or rapid photodegradable, synthetic netting (Rapid-Go). Provides erosion control for up to one year and serves as mulching layer.
69.	<i>Excel SR-1 (All Natural)</i>	Slope	Temporary Erosion Control Blanket consisting of 100% certified weed free straw matrix stitched to a single net which is a all natural biodegradable netting. Provides erosion control for up to one year and serves as mulching layer.
70.	<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)
71.	<i>Excel R-1</i>	Slope	An evenly distributed double net excelsior blanket that contains chemical additives to help soil particles bound together and flocculate to aid in the prevention of soil erosion, and sediment runoff
72.	<i>Excel R-2</i>	Slope	Western Excelsior's Excel R-2 temporary erosion control blanket consists of a 100% Rocky Mountain Excelsior matrix stitched to a double net. Excel R-2 is available with photodegradable, synthetic netting (Regular); rapid photodegradable, synthetic netting (Rapid-Go) or all natural, biodegradable netting (All-Natural).
73.	<i>Excel Rc1</i>	Slope	100% Rocky mountain Excelsior Blanket with chemical additives to enhance the erosion control performance of the blanket
74.	<i>Excel Aspen Turbo Mulch</i>	Slope	Aspen Turbo Mulch is a 50 % / 50% blend of Aspen wood fibers and recycled cellulose material. Can be used with natural or chemical tackifiers as needed. Designed for low risk applications where a blanket or other erosion control measures are not practical.
75.	<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.

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76.	<i>Flexterra Ultra FGM Ultra Flex FGM</i>	Slope	HP-FGM consists of 100 percent recycled and phyto-sanitized wood fibers and 100 percent biodegradable crimped interlocking fibers. Micro-Pore particles optimize water and nutrient retention while increasing wet bond strength and increasing resistance to sheet flow. Its 100 percent non-toxic biopolymers and water absorbents further enhance vegetative establishment. Tests following EPA protocol confirm the product is completely safe for aquatic and terrestrial life forms. It immediately bonds to the soil surface to reduce turbidity of runoff for up to 18 months.
77.	<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.
78.	<i>Green Armor 7020</i>	Channel	The GreenArmor™ System begins with Enkamat TRM (Turf Reinforcement Mat), which provides a permanent, lofty and open matrix. It is then hydraulically infilled with Flexterra FGM™ (Flexible Growth Medium™) to intimately bond soil and seeds while accelerating growth. This unique system protects against elevated levels of hydraulic lift and shear forces while encouraging turf establishment and long-term root reinforcement. The synergistic combination of cost effective technologies enables the GreenArmor System to provide high levels of erosion control effectiveness.
79.	<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.
80.	<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)

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81.	<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 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)
82.	<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.
83.	<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.
84.	<i>GreenSolutions® DSC2</i>	Slope	DSC 2 consists of 70% agricultural straw and 30% coconut fiber bound stitched on both sides by photodegradable polypropylene netting with openings of 3/8 in. x 3/8 in. DSC 2 is designed for steeper inclines and higher-flow situations. DSC 2 is considered an extended-term solution that degrades in ± 2 years.
85.	<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.
86.	<i>Haymark HMI-350PP</i>	Slope	Coir fiber stitched blanket with polypropylene or jute between two nettings either poly or Jute or a combination of the two. Used in slope protection and other erosion control applications.
87.	<i>Hydra CM2</i>	Slope	Hydra CM is a hydraulically applied matrix consisting of a patent pending blend of mechanically processed straw fibers, reclaimed cotton plant material & proprietary performance-enhancing tackifiers. Hydra CM is designed to maintain intimate contact with the soil surface and to provide continuous, porous, absorbent, flexible erosion control that provides rapid germination and accelerated plant growth

# General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
88.	<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.
89.	<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.
90.	<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).
91.	<i>HydroStraw BFM</i>	Slope	This product includes long natural fibers for maximum matrix entanglement for improved performance. The combination of fiber entanglement in conjunction with our cross linked high-strength polymer binders produce great erosion prevention and vegetation establishment. Contains Long Natural Fibers for Maximum Matrix Entanglement. Contains 10% Proprietary Formulated Soil Binding Agents and has 10% Natural Fibers for Matrix Entanglement
92.	<i>Industrial Fabrics DCS-2</i>	Slope	Consists of 70% agricultural straw and 30% coconut fiber mechanically bound and covered on both sides by netting. The straw and coconut is homogeneously blended and distributed evenly throughout the blanket. The bottom netting is photodegradable polypropylene with mesh openings of approximately 3/8" x 3/8". The top netting is UV stabilized Polypropylene. The blanket is sewn on 2" centers with photodegradable polypropylene thread.
93.	<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%
94.	<i>KoirMat™ 400</i>	Slope	No product literature available
95.	<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;
96.	<i>KoirMat™ 740</i>	Channel	No product literature available
97.	<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.

# General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
98.	<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.
99.	<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.
100	<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.
101	<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.
102	<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.
103	<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.
104	<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 <sup>2</sup> ; typical thickness 0.40 inch; typical ground cover factor = 70%; typical roll sizes = 6.5 feet x 138.5 feet (100 yd <sup>2</sup> - 50 lbs).
105	<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 weight = 10.5 oz / sq yd; typical roll width = 12.5 feet (4 ft width optional).

# General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
106	<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%.
107	<i>Landmark Safe Slope</i>	Mulch	Made from a proprietary blend of natural cotton plant by-products, polymers, and other crop residue. Protects against seed and soil loss from heavy wind and rain. Made with 90% natural materials
108	<i>Landmark Safe Slope Xtreme</i>	Slope	Made from a proprietary blend of natural cotton plant by-products, polymers, and other crop residue. Protects against seed and soil loss from heavy wind and rain. Made with 90% natural materials. Safe Slope Xtreme is similar to Safe Slope but contains more natural and chemical bond strength for more extreme slope applications.
109	<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
110	<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%
111	<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.
112	<i>Nature Spray® 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.
113	<i>Nature Spray® 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.
114	<i>Nature Spray® 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.
115	<i>Nature Spray® 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.

# General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
116	<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.
117	<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.
118	<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.
119	<i>North American Green C350™ Three Phase™</i>	Channel	100% coconut fiber, stitch-bonded between a heavy-duty, 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
120	<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.
121	<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.
122	<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%.
123	<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.

# General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
124	<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%.
125	<i>North American Green SC150 BN</i>	Slope	No literature available
126	<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.
127	<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.
128	<i>North American Green S350</i>	Channel	Machine produced mat of 100% wheat straw matrix. Mat is covered with super heavy duty polypropylene matting. Rolls are 6.5x55.5 feet that cover 40 sq. yards.
129	<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
130	<i>PennzSuppress®</i>	Slope Mulch	No literature available
131	<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.
132	<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.

# General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
133	<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.
134	<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.
135	<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%
136	<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.
137	<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%.
138	<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.
139	<i>ProMatrix EFM</i>	Slope	Profile Products ProMatrix is a 100% biodegradable, Engineered Fiber Matrix™ (EFM™) that is manufactured in the United States and is composed of 100% recycled Thermally Refined™ wood fibers, crimped interlocking man-made biodegradable fibers and naturally derived biopolymers. The EFM is phytosanitized, free from plastic netting, and when cured forms an intimate bond with the soil surface to create a continuous, porous, absorbent and flexible erosion resistant blanket that allows for rapid germination and accelerated plant growth. ProMatrix is a high loading formulation designed for rapid and easy even distribution of the matrix. The EFM may require a 24-48 hour curing period to achieve maximum performance.
140	<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; typical roll width = 6 feet.
141	<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 <sup>2</sup> (66.89 m <sup>2</sup> ).

# General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
142	<i>Recyclex TRM-V</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. The newest member to the Recyclex TRM family ; Recyclex TRM-V was engineered to provide a solution for low to medium flow channels and slopes that require permanent vegetation reinforcement, while maintaining many of the performance characteristics of traditional AEC Recyclex
143	<i>Rhino Erosion King Single Net</i>	Slope	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
144	<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
145	<i>Safe Slope</i>	Mulch	Made from a proprietary blend of natural cotton plant by-products, polymers, and other crop residue. Protects against seed and soil loss from heavy wind and rain. Made with 90% natural materials
146	<i>Safe Slope Extreme</i>	Slope	Made from a proprietary blend of natural cotton plant by-products, polymers, and other crop residue. Protects against seed and soil loss from heavy wind and rain. Made with 90% natural materials. Safe Slope Xtreme is similar to Safe Slope but contains more natural and chemical bond strength for more extreme slope applications.
147	<i>S1000 Single Net Straw</i>	Slope	A 100% agricultural straw RECP blanket with degradable thread and a single photodegradable or biodegradable netting. Designed to provide protection for low to moderate slopes for up to 12 months
148	<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.
149	<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.
150	<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.
151	<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.

# General Product Material Descriptions

	Brand Name of Product	Tested As	Material Description
152	<i>Second Nature® Wood Fiber Plus</i>	Mulch	Same hydraulic mulch as Second Nature Wood Fiber, pre-blended with an organic tackifier for a smoother application and enhanced soil contact, resulting in increased erosion control and improved seed germination
153	SEC-S 2	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.
154	SEC XL2	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.
155	<i>Seed-Guard™</i>	Slope	Natural green mat woven from photo-degradable, polypropylene yarns
156	<i>Soil Guard™</i>	Slope	A bonded fiber matrix material produced from 100% wood 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.
157	<i>SprayMatrix FRM</i>	Slope	Hydraulically applied erosion control blanket composed of Thermally Processed Wood Fibers and Proprietary Blend of Tackifiers. Cures to form a matrix that bonds intimately with the soil surface to more effectively prevent erosion on critical / steep slopes.
158	<i>SprayMat BFM</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.
159	<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.
160	<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.

# General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
161	<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.
162	<i>Tackmat S</i>	Slope	TackmatS temporary erosion control blanket is composed of 100% weed free agricultural wheat straw matrix mechanically (stitch) bonded on two inch centers to a single photodegradable synthetic net. TackmatS is treated with an erosion control performance enhancing natural biodegradable tackifier. When installed the tackifier is deployed to the soil surface and the interaction of treated soil and straw fibers provides enhanced erosion control.
163	<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.
164	<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.
165	<i>US Erosion Control Product US-2S</i>	Slope	Size: Available in 8' widths and 112.5' lengths Tensile Strength: lb/in - 9.3 x 12.6 C Factor .015 Plastic: 2 layers of .588" x .5" opening, approximately 15 lbs/1000 yd <sup>2</sup> photodegradable polypropylene plastic. Thread: 800 denier degradable split yarn. Matrix: 100% agricultural cured wheat straw, .5 lbs/yd <sup>2</sup> Packaging: All rolls are wrapped tightly with stretch wrap to protect the rolled erosion control product from the weather and elements. Special Features: US-2S has a 4" folded edge on both sides of the 8' creating a stronger blanket and cleaner edges. Recommended Applications: US-2S is recommended for use on slopes up to 2:1 and in medium flow channels.

# General Product Material Descriptions

Brand Name of Product		Tested As	Material Description
166	<i>US Erosion Control Product US-1X</i>	Slope	<p>Available in 4' &amp; 8' widths; varied lengths</p> <p>Netting: 1 layer of .5" x .5" opening, approximately 15 lbs/1000 yd<sup>2</sup> photodegradable, green polypropylene plastic. Thread: 600 denier degradable split yarn Matrix: 100% Excelsior wood fiber, .73 lbs/yd<sup>2</sup></p> <p>Packaging: All rolls are wrapped tightly with stretch wrap to protect the rolled erosion control product from the weather and elements.</p> <p>Special Features: US-1X has a 4" folded edge on both sides of the 4' &amp; 8' folded and 1 cut on the 8' creating a stronger blanket and a cleaner edge.</p> <p>Recommended Applications: US-1X is recommended for use on slopes up to 3:1 and in low flow channels.</p>
167	<i>US Erosion Control Product US-2X</i>	Slope	<p>Size: Available in 4' &amp; 8' widths; varied lengths</p> <p>Netting: 2 layer of .5" x .5" opening, approximately 15 lbs/1000 yd<sup>2</sup> photodegradable, green polypropylene plastic. Thread: 600 denier degradable split yarn Matrix: 100% Excelsior wood fiber, .73 lbs/yd<sup>2</sup></p> <p>Packaging: All rolls are wrapped tightly with stretch wrap to protect the rolled erosion control product from the weather and elements.</p> <p>Special Features: US-2X has a 4" folded edge on both sides of the 4' &amp; 8' folded and 1 cut on the 8' creating a stronger blanket and a cleaner edge..</p> <p>Recommended Applications: US-2X is recommended for use on slopes up to 3:1 and in low flow channels.</p>
168	<i>WintersChoice™</i>	Slope	<p>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.</p>
169	<i>WintersStraw HV</i>	Slope	<p>A 100% agricultural straw blanket with straw evenly distributed between 2 stitch bound photo-degradable synthetic nettings.</p>
161.	<i>WintersStraw SN</i>	Slope	<p>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.</p>

# General Product Material Descriptions

	Brand Name of Product	Tested As	Material Description
162.	<i>Winters Turf</i>	Channel	Winters Turf blankets are permanent blankets manufactured using 100% Polypropylene fibers. Poly fibers are spread evenly across the entire area of the blanket then stitched between two black UV Stabilized top nets using a high tensile strength black thread. All blankets are stitched on 1 1/2" centers for increased performance capabilities. Winters Turf is designed for severe slope and high flow channel applications.
Last			