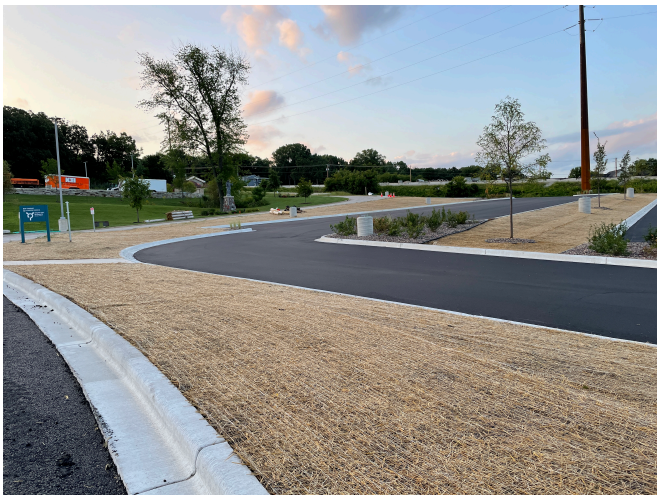
Product Description

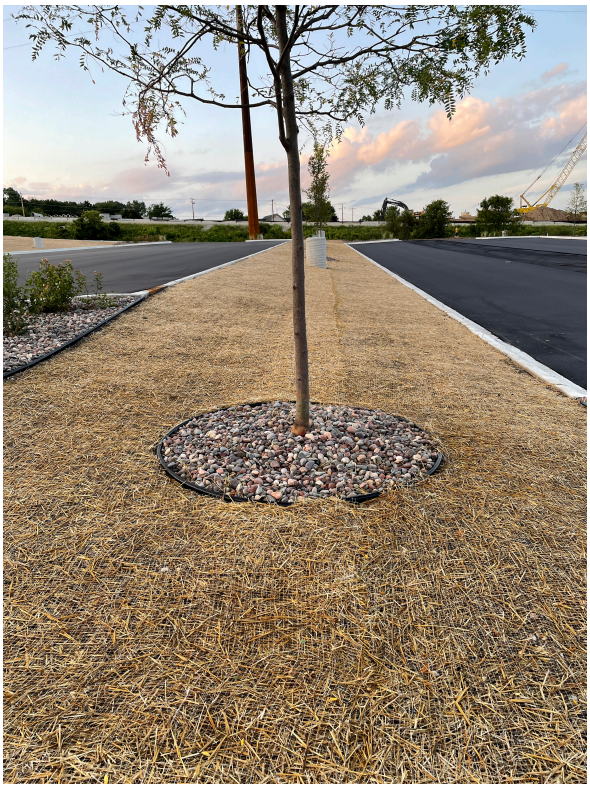
AEC Premier Straw®

Straw Erosion Control Blankets



American Excelsior realizes that project owners, consultants, specifiers, and landscape contractors wish to have a choice when selecting erosion control blankets. That is why American Excelsior Company, the inventor of biodegradable erosion control blankets, manufactures both straw and excelsior blankets.

Our AEC Premier blanket manufacturing process starts with choosing the finest quality agricultural straw fibers. A single or double net is then stitched to the topside or both sides of the blanket. A variety of nettings are available depending on your project requirements. We offer a green color-coded plastic netting for applications requiring UV resistance, strength, and longevity. Our photo-degradable QuickMow™ netting is recommended for urban use and is a very popular choice on certain roadside projects. It is color-coded white to identify it as a rapid-breakdown, polypropylene netting designed for use in areas to be mowed. Also available is our FibreNet™ 100% biodegradable netting for use in critical environmentally sensitive areas.



Typical Applications

- Highway slopes and embankments
- Utility Right-of-Ways
- Golf course fairways, roughs, and waterways
- Residential, commercial, and industrial developments

Material Characteristics

AEC Premier Straw blankets are degradable erosion control blankets consisting of the finest straw fibers available. Depending on job site requirements, a variety of QuickMow, environmentally sensitive, and stronger netting types are available. At a standard width of 8 feet, which is 18 inches wider than conventional straw blankets, our AEC Premier Straw blankets are specifically designed to provide you with the most effective installation widths available. Lightweight and easy to handle, you can rely on AEC Premier Straw to hold its own in the everyday basic blanket applications. AEC Premier Straw blankets are available individually wrapped or in master packs to allow for mechanical unloading and stacking.

Performance Capabilities

Slopes	Netting Type	Shear Stress Rating
3H:1V and flatter	Single: green, QuickMow, or FibreNet	74 Pa (1.55 lb/ft ^{2})
2H:1V and flatter	Double: green, QuickMow, or FibreNet	84 Pa (1.75 lb/ft^2)

Suggested Specifications

AEC Premier Straw

General

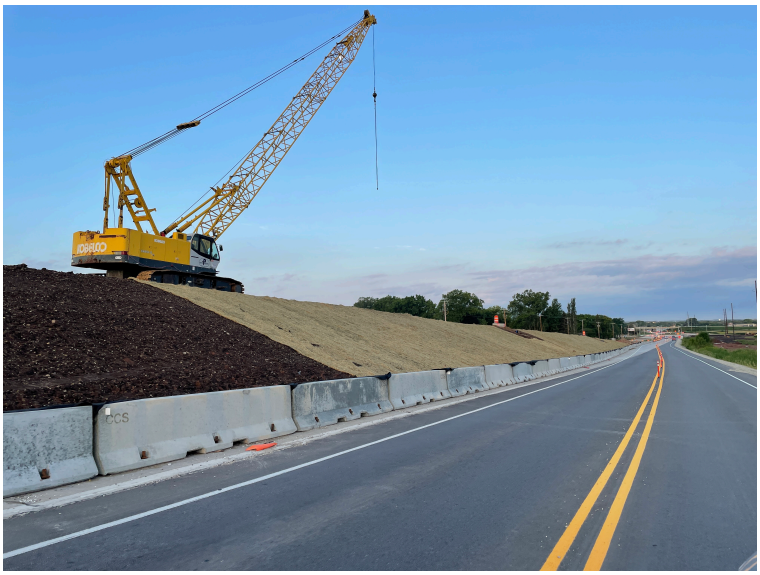
AEC Premier Straw erosion control blankets are designed to provide temporary protection for grass seed and topsoil during the germination, progressive revegetation, and root system development stages.

Product

AEC Premier Straw blankets, as manufactured by American Excelsior Company, shall be made from the finest quality agricultural straw fibers available. Straw fibers shall be made into blanket form and stitched to a single net on top or netting on top and bottom. AEC Premier Straw fibers shall be of consistent thickness and evenly distributed throughout the blanket. A variety of netting types are available to meet specific job site requirements.

Weight[a]:	0.27 kg/m^2	0.50 lb/yd^2
Roll Dimensions:	2.4 m x 34.3 m (83.6 m^2)	8.0 ft x 112.5 ft (100 yd^2)
	4.9 m x 34.3 m (167.2 m^2)	16.0 ft x 112.5 ft (200 yd^2)

[a]Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of AEC Premier Straw fibers is 15%



Installation: Before installing AEC Premier Straw erosion control blankets, the seed bed shall be inspected by the Owner's Representative to ensure that it has been properly compacted and fine-graded to remove any existing rills. It shall be free of obstructions such as tree roots, projections such as stones, and other foreign objects. The contractor shall proceed when satisfactory conditions are present. After the area has been properly shaped, seeded, fertilized, and compacted, AEC Premier Straw erosion control blanket shall be removed from the protective cover. Next, locate the start of the roll, making sure the roll is facing toward the area to be covered, and then roll out the blanket. The blankets shall be rolled out flat, even, and smooth without stretching the material.

Slopes: It is recommended that the blankets be installed vertically on the slope; however, on short slopes, it may be more practical to install horizontally across the width of the application. If more than one width is required, overlap the edges and secure the blankets with a common row of staples. AEC Premier Straw erosion control blankets shall be trenched at the head of the slope if the blanket cannot be extended three feet over the slope crest or if overland flow is anticipated from upslope areas.

Channels: AEC Premier Straw erosion control blankets shall be centered to offset a seam in the middle of the waterway. They shall be installed in the same direction as the water flow. The adjoining blankets shall be installed away from the center of the channel and overlapped. Blanket installation should continue up the side slopes and three feet over the crest to the flat of the final grade. Flanks exposed to runoff or sheet flow must be protected by a check slot or trenched. AEC Premier Straw erosion control blankets shall be trenched at the start of the channel and anchored using a staggered staple pattern at end of roll overlaps and end of roll terminations.

850 Avenue H E
Arlington, Texas 76011

Phone: 800-777-SOIL
www.Curlex.com

American Excelsior Company®