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## American Excelsior Company® You Tube Videos

### **Curlex Sediment Log: Iowa DOT**

American Excelsior's Curlex® Sediment Log® used during an Iowa DOT project provided protection during both a record-breaking rainfall in August 2018 and record-breaking snowfall during January and February 2019.

<https://www.youtube.com/watch?v=6borMdl2MhE&feature=youtu.be>

### **Curlex® Natural Mechanical Functions**

As Curlex fibers are wetted they swell and dig into the soil. As Curlex fibers dig into the soil they reduce soil movement keeping soil, seed, and fertilizer in place. This reduces erosion and allows the seed to germinate.

[http://www.youtube.com/watch?v=77daRrzMX\\_I](http://www.youtube.com/watch?v=77daRrzMX_I)

### **Comparison of Erosion Control Blanket Fibers**

Curlex Erosion Control Fibers are compared to other erosion control fibers. Curlex fibers are engineered specifically for erosion control. Curlex has curled and barbed edges that allow the other Curlex fibers to "grab" onto each other and the soil. Curlex fibers create an ideal environment for establishing vegetation.

[http://www.youtube.com/watch?v=eCGI0\\_mtxoY](http://www.youtube.com/watch?v=eCGI0_mtxoY)

### **Ecologically Friendly Fibers**

100% natural and 100% biodegradable Curlex fibers are used for erosion control.

<http://www.youtube.com/watch?v=BIDYee8hmkc>

### **Unrolling Curlex® Erosion Control Blankets**

Easy step-by-step instructions for opening and unrolling your Curlex Erosion Control Blanket.

<http://www.youtube.com/watch?v=iAOhGYPoyFY>

### **Curlex® Fibers Remove Oil from Water**

Curlex Wood Fibers Remove Oil From Water in Seconds!

[http://www.youtube.com/watch?v=3YjZF\\_5Pn1Y](http://www.youtube.com/watch?v=3YjZF_5Pn1Y)

### **Protecting Sensitive Water Resources with Curlex® II**

Curlex II installed on a disturbed site protects sensitive water resource that are holistically connected. Video contains partial coverage recorded by a drone.

<https://www.youtube.com/watch?v=Y1Hlz0OmkXU>



## **Recyclex® TRM-V Versus a High Flow in a Channel**

Recyclex TRM – V installation in Pecan Creek gets hit by multiple very large storms in a few days along with drought conditions producing little vegetation the first year with the following year holding together in spite of the debris left in the wake of the high flows.

<https://www.youtube.com/watch?v=2OnxkGLes1M>

## **Curlex® Vegetation Establishment Time Lapse 28 Days Total**

Curlex excelsior erosion control blankets are considered the industry standard by many because of the plethora of Curlex Features and Benefits. This video of time lapse photography shows vegetation establishment with Curlex. Multiple photos were taken each day with the first one shown approximately 6 days after installation. The last photo shown was taken 28 days after installation. The application took place in northern Wisconsin.

<http://www.youtube.com/watch?v=iJqOpcf0IMs>

## **Curlex® Blanket Installation Using Trench Method A**

During installation of Curlex Blankets the start of the roll needs to be installed in a trench or rolled 3 feet over the crest of the slope. This video details Trench Method A used in installing Curlex Erosion Control Blankets.

<http://www.youtube.com/watch?v=9dF34ygKRcQ>

## **Curlex® Blanket Installation Using Trench Method B**

During installation of Curlex Blankets the start of the roll needs to be installed in a trench or rolled 3 feet over the crest of the slope. This video details Trench Method B used in installing Curlex Erosion Control Blankets.

<http://www.youtube.com/watch?v=ORmAesGIwTU>

## **Does Your TRM Float During Hydraulic Events**

Surprisingly, several Turf Reinforcement Mats (TRMs) available today float in water. Floating TRMs allow water under the TRM between anchoring devices during hydraulic flows, which leads to erosion. Intimate contact with the subgrade is critical to successful erosion control applications that use TRMs. Would you rather have your TRM floating or intimately contacting the subgrade during a hydraulic event? American Excelsior Company's Recyclex® family of TRMs do not float in water.

<http://youtu.be/EkAZbJOe00I>

## **Curlex® Sediment Log® Flow Through**

One of the uses of Curlex Sediment Logs is to install them in ditches. Curlex Sediment Logs will slow water velocity and filter out sediment as ditches fill with storm water. Straw Wattles are dense and do not allow water to flow through them.

<https://www.youtube.com/watch?v=ZXzESmsAqmY&t=1s>



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## **Fly Ash Slurry Filtration Using Curlex® Sediment Log®**

Fly ash samples were collected from a coal plant in Ohio. Channel simulators were built to determine the reduction of total suspended solids (TSS) and turbidity of fly ash slurry exposed to Curlex Enforcer® and Curlex Sediment Log over a ninety minute period. The results were remarkable.

[https://www.youtube.com/watch?v=3V9DWa\\_wFCw](https://www.youtube.com/watch?v=3V9DWa_wFCw)

## **Native Slope Restoration With Curlex® SFW Wattles**

Curlex SFW Wattles are installed for slope interruption to prevent mulch from washing into the lake. Video contains aerial coverage recorded by a drone.

<https://www.youtube.com/watch?v=Rp19ZWri6Ao>

## **Fly Ash Slurry Filtration Using Curlex® Bloc**

Fly ash samples were collected from a coal plant in Ohio. Channel simulators were built to determine the reduction of total suspended solids (TSS) and turbidity of fly ash slurry exposed to Curlex Enforcer® and Curlex Bloc over a ninety minute period. The results were remarkable.

<https://www.youtube.com/watch?v=Ohp3i723PN8>

## **Curlex® Bloc Installation**

Customers across North America have been asking for an American made alternative to coir logs and American Excelsior Company has answered with the development of Curlex Blocs. Patent pending Curlex Blocs are manufactured in the U.S.A. with American fibers as compared to coir fibers that are typically imported from half way across the planet. Installation of Curlex Bloc is shown in this video.

<http://youtu.be/b5w15xEDJlg>

## **Curlex® Enforcer® and Curlex® Bloc Filter Station Simulation**

All natural Curlex Blocs are very effective at removing fine sediments and other contaminants from runoff. Typically flocculants have been used to remove these fine particles. A series of Curlex Bloc Filter Stations can be a valuable tool to help improve water quality without adding chemicals into the environment. See first-hand in this video how well the Curlex Bloc Filter Station works without the aid of chemicals. The channel was lined with Curlex Enforcer then the Curlex Bloc Filter Station was installed into the channel. A slurry of premixed sediment-laden water was added to the channel over the course of the four hour long simulation.

[https://www.youtube.com/watch?v=MTORoN2N\\_Rw&t=46s](https://www.youtube.com/watch?v=MTORoN2N_Rw&t=46s)

## **Oil Solution with Curlex®**

Oil spill beach protection solution with Curlex products is shown in a wave simulator.

<http://www.youtube.com/watch?v=HON1B3I-F2c>



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## **Curlex® Green Savers™ Winter Protection Covers for Golf Course Greens**

American Excelsior Company's Curlex Green Savers are natural excelsior covers that provide winter protection against drying winds, frost penetration, grass desiccation, and freezing cold on all golf course greens. Curlex Green Savers maintain a more constant surface temperature and allow excellent air circulation. Curlex Green Savers minimize heat buildup and the freeze thaw cycle, which helps to establish quality greens early in the season, thus extending the playing season by two to three weeks. This video shows the installation and removal processes along with the excellent results.

<http://youtu.be/prAQ9NaZzGs>

## **E-Staple® Tech Tip**

American Excelsior Company's E-Staple is a biodegradable turf staple used to fasten erosion control blankets to the soil. E-Staple holds in soil better than traditional turf staples as well as other biodegradable turf staples.

<http://www.youtube.com/watch?v=OZLqucec94M>

## **Gulf Oil Spill Cleanup Efforts by American Excelsior Company®**

American Excelsior Company has tested Curlex in the lab and recently installed and monitored Curlex in Gulf coast beaches exposed to landfall oil. Curlex is a more efficient and effective solution to the oil spill cleanup efforts, but workers will not utilize the solution until authorized by BP. Please help spread the word so we can start protecting our precious Gulf beaches!

<http://www.youtube.com/watch?v=ZNYpJ9itupg>



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