



American Excelsior Company®

From Curlex® to TriNet® Curlex® - A Case History of Erosion Control

American Excelsior Company invented the erosion control blanket in the 1960s with Curlex® I. Since then we have continued to innovate and improve our Curlex product line. Our Curlex based rolled erosion control product (RECP) line offers a wide variety of temporary RECPs and Turf Reinforcement Mats (TRMs). By varying the amount of Curlex fibers, changing the thread and netting materials and even adding additional nets to the product, we engineer the right product to handle your expectant forces, functional longevity and other design parameters. The pinnacle of the Curlex line evolution is TriNet Curlex, which is in our family of Curlex TRMs.

All of American Excelsior Company's products are tested at the ErosionLab®. It allows for endless studies so environmental solutions can be vetted before hitting the field. ErosionLab uses ASTM International test standards whenever possible. Curlex products are also supported by third-party testing through the National Transportation Product Evaluation Program (NTPEP).

ErosionLab

- Details: Largest privately owned erosion and sediment control research facility in North America
Capabilities: Large scale and index testing using ASTM standards
Location: Rice Lake, WI



ErosionLab Aerial View



ErosionLab Rainfall Testing



ErosionLab Channel Testing

Curlex Turf Reinforcement Mat (TRM) Installation Examples

- Application: Slope Stabilization
Product: Curlex TRM
Location: Iowa



Curlex TRM During Installation



Curlex TRM Reinforcing Vegetation

THE MOST TRUSTED NAME IN EROSION CONTROL



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- Application:** Roadside Slope
- Product:** Curlex TRM
- Location:** New Jersey



Curlex TRM on Roadside Slope

- Application:** Concentrated Flow
- Product:** Curlex TRM
- Location:** ErosionLab - Rice Lake, WI



Curlex TRM Before



Curlex TRM During High Flow



Curlex TRM After (No Soil Loss)

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- Application:** Drainage
- Product:** Curlex TRM
- Location:** New Jersey



Curlex TRM Road Drainage Before



Curlex TRM Road Drainage After

- Application:** Median Drainage & Embankment Protection
- Product:** Curlex TRM
- Location:** Alabama



Curlex TRM Miles of Protection After Install



Curlex TRM Miles of Protection Vegetated



Curlex TRM Protecting Slope

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Application: Sand Mine Drainage Channel & Embankment Protection

Product: Curlex TRM

Location: Wisconsin



Curlex TRM Protecting Channel and Embankment

Application: Major Drainage Channel & Embankment Protection

Product: Curlex TRM

Location: Nebraska



Curlex TRM Protecting Channel and Embankment



Curlex TRM Protecting Channel and Embankment

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