



EROSION CONTROL  
TECHNOLOGY COUNCIL  
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DIRECTING MEMBER



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## CURLEX® ROADRUNNER™ MECHANICALLY INSTALLED ECB SYSTEM INSTALLATION GUIDELINES

Before installing Curlex RoadRunner blankets, the seedbed shall be inspected by the Owner's Representative to ensure 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, remove the Curlex RoadRunner 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 product. The product shall be rolled out flat, even, and smooth without stretching the material then anchored to the subgrade.

**Slopes:** It is recommended 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 when agreed upon by the Engineer prior to installation. If more than one width is required, simply abut the edges of the vertically installed blankets together and secure them with a common row of staples. Overlapping adjacent sides of Curlex RoadRunner blankets is not required when installed vertically on slopes. Curlex RoadRunner 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:** Curlex RoadRunner 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 channel and overlapped. Curlex RoadRunner blanket installation should continue up the side slopes three feet above the anticipated high water elevation. Flanks exposed to runoff, or sheet flow, must be trenched in. Curlex RoadRunner blankets shall be trenched at the start of the channel. Curlex RoadRunner shall be anchored using a staggered staple pattern at end of roll overlaps and end of roll terminations.

The Curlex RoadRunner shaft installation device shall be mounted on standard construction equipment (e.g., skid steer loader or tractor). Safe operating limits of the equipment shall dictate the steepness limits to which Curlex RoadRunners can be mechanically installed. In no case shall the safe operating limits of the equipment be exceeded. Do not stand within the operating swing arm radius.

Disclaimer: Curlex RoadRunner is a system for erosion control and revegetation on slopes and channels. American Excelsior Company (AEC) believes that the information contained herein to be reliable and accurate for use in erosion control and revegetation applications. However, since physical conditions vary from job site to job site and even within a given job site, AEC makes no performance guarantees and assumes no obligation or liability for the reliability or accuracy of information contained herein, for the results, safety, or suitability of using Curlex RoadRunner, or for damages occurring in connection with the installation of any erosion control product whether or not made by AEC or its affiliates, except as separately and specifically made in writing by AEC. These guidelines are subject to change without notice.