

Product Evaluation Coordinator  
Colorado Department of Transportation  
4670 North Holly Street, Unit A  
Denver, Colorado 80216

Material code:

216.02.02.00

Material code description full name:

Soil Retention Covering Blanket

## PART 1

Product name: <b>KEP SC2 Natural</b>	Product category: <b>Erosion Ctrl\Soil Ret. Rolled\SRB [Biodegradable Class 1]</b>
Product Representative (name & address): Attn: <b>Brandon Twiford</b>  <b>Kansas Erosion</b> <b>1215 Water Well Road</b> <b>Salina, KS 67401</b>  Phone: (919) 480-5616 E-mail: <a href="mailto:brandon@kansaserosion.com">brandon@kansaserosion.com</a>	Manufacturer (name & address): Attn: <b>Brandon Twiford</b>  <b>Kansas Erosion</b> <b>1215 Water Well Road</b> <b>Salina, KS 67401</b>  Phone: (919) 480-5616 E-mail: <a href="mailto:brandon@kansaserosion.com">brandon@kansaserosion.com</a>
Web-site address: <a href="http://www.kansaserosion.com">www.kansaserosion.com</a>	Web-site address: <a href="http://www.kansaserosion.com">www.kansaserosion.com</a>

**Description of the product:** (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

Kansas Erosion KEP-SC2 Natural is a rolled erosion control product comprised of coir fiber and weed free agricultural wheat straw uniformly distributed into a mat up to 16' wide with a biodegradable leno woven netting on the top and bottom. Netting and fill are secured with biodegradable thread on 1.5" centers.

**Restrictions,** (installation and/or use):

Product should not be used without the manufacturer's recommended staple pattern to ensure consistent soil contact.

**Use of the product,** (be specific to CDOT highway activities only):

KEP-SC2 Natural is recommended for slopes from 2:1 - 1:1 and medium to high flow channels

**Benefits to CDOT,** (how will your product enhance quality, improve safety, save money, be a better value than other manufacturer's products):

KEP-SC2 Natural has shown under benchmark conditions to speed up seed germination through moisture retention, as well as improve plant height in comparison to the control. Prior to seed germination KEP-SC2 Natural is an extremely efficient measure to prevent soil erosion from rainfall impact, sheet flow, and channel flow.

**Specifications:** (listing those applicable is required)

☒ CDOT : 216.02 (a) Erosion Control and Stormwater Quality Guide Section 5.5

☒ ASTM : D6459 D6460 D6525 D6475 D6818

☐ AASHTO :

☐ FHWA :

☒ other :

☒ Certificate of Compliance (COC) provided

☐ Certificate of Verification (COV) provided for select categories ONLY

**Product Testing:** (National/independent laboratories or universities with Report Date,) **Certified Test Report** (CTR) provided to validate all claims.

☒ NTPEP-AASHTO: Large Scale Channel and Slope erosion Testing (2018); Bench and Index Testing (2017)

☐ FHWA :

☐ other :

☐ other :

☐ other :

**State DOT Approvals,** (current documentation required):

Expiration Date **06/01/2025**

Sample submitted: ☐ yes ☒ no ☐ n/a

Safety Data Sheets (SDS): ☒ yes ☐ no ☐ n/a

Alternate Product Category:

Additional Comments: