

5300102 REVETMENT SYSTEMS  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

---

Larry Jones  
414-4305  
[larry.jones@dot.state.fl.us](mailto:larry.jones@dot.state.fl.us)

Comments: (3-19-18, Internal)

Section 514 refers to 985 for material properties, however, 985 does not specify anything for "D-2 filter fabric"; rather, it describes requirements for D-2 Drainage Geotextiles. I suggest Section 530 be left alone and Section 514 be revised to match 530 & 985.

Response: Changes will be made for consistency.

Changes made.

\*\*\*\*\*

Gene Giambra  
813-975-6110  
[eugene.giambra@dot.state.fl.us](mailto:eugene.giambra@dot.state.fl.us)

Comments: (4-19-18)

This comment is in reference to "All Jobs" located at the top right corner. If All Jobs pertains to user notes it should be removed, use only when required on projects.

Response: The usage note is used to denote what restrictions, if any, there are on the application of the language. If a revision is intended to change the Standard Specification language, it is applicable to all jobs. If the revision has restrictions on its application, the usage note would reflect this.

No change made.

\*\*\*\*\*

Karen Byram  
414-4353  
[karen.byram@dot.state.fl.us](mailto:karen.byram@dot.state.fl.us)

Comments: (4-19-18)

Geotextiles are available in multiple grades. I don't see a reference in this specification or S514 that identifies which grade to use. Shouldn't that be included in this specification or S514?

Response: Both Section 514 and 530 reference Section 985, which defines the material and usage requirements for geosynthetics (geotextiles, geogrids).

No change made.

\*\*\*\*\*

Teri Krock  
706-693-1726  
[T.Krock@tencategeo.com](mailto:T.Krock@tencategeo.com)

Comments: (5-3-18)

**SECTION-514¶**  
**PLASTIC-GEOTEXTILE-FILTER-FABRIC·**  
**(GEOTEXTILE)¶**

**514-1·Description.¶**

Install a **plastic-geotextile** filter fabric.¶

**514-2·Material.¶**

Meet the **plastic-geotextile** filter fabric requirements as specified in Section 985.¶

**514-3·Construction·Methods.¶**

**514-3.1·General:** Place the **plastic-geotextile** filter fabric (**fabric**) in the manner and locations as shown in the Plans, in accordance with the manufacturer's directions, and as specified in these Specifications. Place the **fabric-geotextile** on areas with a uniform slope that are reasonably smooth, free from mounds, windrows, and any debris or projections which might damage the **fabric-geotextile**.¶

Loosely lay the material. Do not over-stretch the material. Replace or repair any **fabric-geotextile** damaged or displaced before or during placement of overlying layers to the satisfaction of the Engineer and at no expense to the Department.¶

When overlapping is necessary, the Contractor may sew the seams to reduce overlaps as specified in 985-3.¶

Schedule work so that covering the fabric with the specified material does not exceed the manufacturer's recommendations for exposure to ultraviolet light or five days, whichever is less. If the Engineer determines the exposure time was exceeded, the Contractor shall replace the fabric at no expense to the Department.¶

**514-3.2·Subsurface·Drainage:** When indicated in the Plans, place the **fabric-geotextile** with the long dimension parallel to the trench. Place the **fabric-geotextile** to provide a minimum 12-inch overlap for each joint. Do not drop the **filter-geotextile**, or fill materials placed on the **geotextile** from heights greater than 3 feet.¶

**514-3.3·Stabilization·and·Reinforcement:** Overlap adjacent strips of **fabric-geotextile** a minimum of 24 inches.¶

**514-3.4·Riprap·Filter:** Overlap adjacent strips of **fabric-geotextile** a minimum of 24 inches, and anchor them with securing pins (as recommended by the manufacturer) inserted through both strips of **fabric-geotextile and** along a line through the midpoint of the overlap, and to the extent necessary to prevent displacement of the **fabric-geotextile during construction activities**.¶

Place the **fabric-geotextile** so that the upstream (upper) strip of fabric overlaps the downstream (lower) strip.¶

Stagger vertical laps a minimum of 5 feet. Use full rolls of **fabric-geotextile** whenever possible in order to reduce the number of vertical laps.¶

Do not drop bedding stone or riprap from heights greater than 3 feet onto the **fabric-geotextile**.¶.....Section Break (Next Page).....

**514-4·Basis·of·Payment.¶**

No separate payment will be made for the work specified in this Section. The cost of furnishing, placing, and sewing or overlapping the **fabric-geotextile** will be included in the Contract price for the items to which it is incidental.¶

Response: Thank you for your comments.

No changes made.

\*\*\*\*\*