



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 31, 2024

Cathy Kendall
Director, Office of Technical Services
Federal Highway Administration
3500 Financial Plaza, Suite 400
Tallahassee, Florida 32312

Re: State Specifications Office
Section: 514
Proposed Specification: **5140200 Geosynthetic for Drainage Applications**

Dear Ms. Kendall:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Melissa Hollis to update submittal requirements to be consistent for all geotextile materials. and update APL/BABA formatting.

Please review and transmit your comments, if any, within two weeks (10 business days). Comments should be sent via email daniel.strickland@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at (850) 414-4130.

Sincerely,

Signature on File

Daniel Strickland, P.E.
State Specifications Engineer

DS/dh

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

**GEOSYNTHETIC FOR DRAINAGE APPLICATIONS
(REV 6-17-24)**

ARTICLE 514-2 is deleted and the following substituted:

514-2 Material.

Meet the following requirements:

Geosynthetic materials*Section 985

*Use products listed on the Department's Approved Product List (APL).

Maintain the packaging requirements, as specified in Section 985*, until accepted at the project site. ~~Use geosynthetic materials meeting the requirements of Section 985 and listed on the Approved Product List (APL). Ensure the geosynthetic materials received at the job site are in unopened shipping packages and the packages are clearly labeled with the manufacturer's name, product name, style number, roll dimension and LOT number, otherwise, the Engineer will reject the material.~~ Store geosynthetic materials in accordance with the manufacturer's instructions ensuring to protect the geosynthetic material from physical damage, debris, and temperatures greater than 140° F. Prevent mud, fluid concrete, asphalt, or other deleterious materials from coming in contact with the geosynthetic materials that could impact the performance of the geosynthetic material. Replace geosynthetic materials with defects, tears, punctures, flaws, deterioration, or other damage at no additional cost to the Department.

ARTICLE 514-4 is deleted and the following substituted:

514-4 Acceptance Criteria.

Submit to the Engineer ~~the product label with the manufacturer's name, product name, style number, roll dimension and LOT number~~ at least fourteen days prior to placement a certification from the manufacturer confirming that the material is appropriate for the intended use. The manufacturer's certification shall be attested to within the past one year by a person having legal authority to bind the manufacturing company, and must include the project number, APL product number, LOT number, and product name. In addition, provide two 8-inch by 10-inch samples of geosynthetic materials for product identification to the Engineer. The acceptance of the geosynthetic material is subject to the approval of the State Materials Office (SMO).

**GEOSYNTHETIC FOR DRAINAGE APPLICATIONS
(REV 6-17-24)**

ARTICLE 514-2 is deleted and the following substituted:

514-2 Material.

Meet the following requirements:

Geosynthetic materials*Section 985

*Use products listed on the Department’s Approved Product List (APL).

Maintain the packaging requirements, as specified in Section 985*, until accepted at the project site. Store geosynthetic materials in accordance with the manufacturer’s instructions ensuring to protect the geosynthetic material from physical damage, debris, and temperatures greater than 140° F. Prevent mud, fluid concrete, asphalt, or other deleterious materials from coming in contact with the geosynthetic materials that could impact the performance of the geosynthetic material. Replace geosynthetic materials with defects, tears, punctures, flaws, deterioration, or other damage at no additional cost to the Department.

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