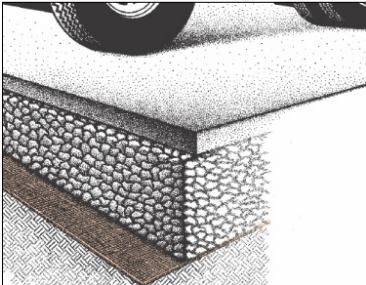




Separation AND Stabilization

■ Woven “Slit Film” Series of Geotextiles

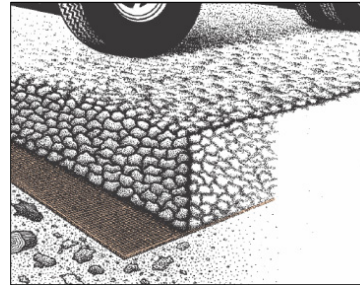
Carthage Mills’ FX® Line of woven slit film geotextiles offers immediate and cost effective solutions for most separation and stabilization applications. By providing and maintaining separation of the aggregate and subgrade soils, the system life of both paved and unpaved roadways is extended significantly. In unpaved applications, the aggregate remains useful throughout the entire life of the job, and access to work sites remains trouble free through all types of weather. Stabilization is provided primarily by their high strength at low elongation that distributes loads and reduces or eliminates rutting.



Paved (City Streets/Highways)



Main Residential Artery



Unpaved (Haul Roads etc.)

Most all types of geotextiles are excellent separators of aggregate and subgrade. However, only ‘woven’ geotextiles have the high modulus – resistance to stretch – necessary to provide stabilization over soft or poorly drained soils. These fabrics are ideal for use under driveways, parking, storage, and staging areas, roadways, airport runways, paving blocks, and access/haul roads; as wrapped face retaining walls and steepened slopes; in foundation stabilization; and as daily land fill covers.

■ FX®-55

These medium weight fabrics are the ones most frequently used in DOT and private engineered projects. They are ideal for paved and unpaved roads, parking lots, and access/haul roads over moderate to poor subgrades providing stabilization and reinforcement equal to many geogrids - in addition to separation.

FX®-55 exceeds the geotextile requirements for Separation in Class 3 and Stabilization in Class 3 of the AASHTO M288-06 specification.

■ FX®-66

This heavier weight geotextile is typically used when higher than average stabilization is required due to excessive loads, poor subgrades, and/or when high survivability is a concern.

FX®-66 exceeds the geotextile requirements for Separation in Classes 1 and 2, and Stabilization in Classes 1 and 2 of the AASHTO M288-06 specification.

Membership Affiliations Include:



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