

What the experts are saying:

“When geotextiles are used they preserve the load bearing capacity of the base over a greater length of time than placement without them.”
ICPI Tech Spec No. 2

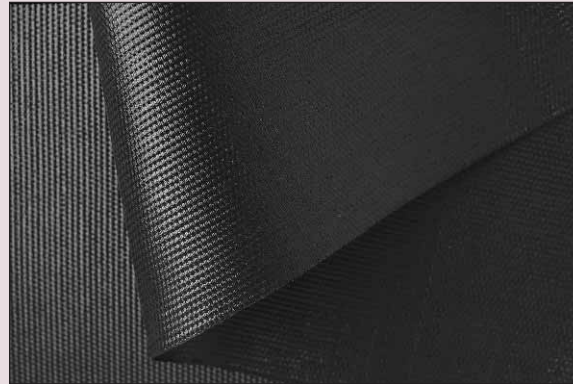
“(The use of geotextiles) extends the life of the base material and slows the rate of deformation resulting from repetitive vehicle loads or periodic exposure to moisture from the soil.”

NCMA TEK T11-2F

“When geotextiles are placed directly on top of the subgrade, and under the base or subbase, this separates the two layers and prevents the intrusion of the finer soil particles into the granular layer and punching of larger aggregates into the subgrade. This enables the base to retain its strength longer.”

NCMA TEK11-10

Mirafi® 500X INTERLOCKING CONCRETE PAVER STABILIZATION GEOTEXTILE



MIRAFI®

CONSTRUCTION PRODUCTS



Mirafi® 500X INTERLOCKING CONCRETE PAVER STABILIZATION GEOTEXTILE



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MIRAFI® 500X INTERLOCKING CONCRETE PAVER STABILIZATION GEOTEXTILE



What is Mirafi® 500X stabilization geotextile?

A geotextile is a permeable textile used in construction applications to improve long term performance. Mirafi® 500X is a woven polypropylene geotextile designed specifically to provide long-term separation and stabilization.

Why do I need Mirafi® 500X?

The use of Mirafi® 500X increases the stability of the base material. The geotextile allows for drainage but retains and separates the soil above to stop sub-grade material from contaminating the base material. Mirafi® 500X prevents the compacted base course from pushing into the subgrade. Mirafi® 500X is recommended as a separator in all paver applications, but specifically in clay soil applications.

How is Mirafi® 500X sold?

Mirafi® 500X is packaged in convenient 6ft x 100ft rolls. Each individual roll contains detailed installation guidelines.



Where do I install the Mirafi® 500X?

Mirafi® 500X should be placed between the sub-grade and the base material as shown in the cross-section below.

After the concrete pavers have been placed, Mirafi® 500X can be placed on top of the pavers to provide scuff protection during compaction as shown in the upper right photo.



Does any plastic textile product work?

No. Non-porous plastic sheet products should not be used because they do not allow water to pass through the system. Mirafi® 500X is a durable polypropylene geotextile specifically designed for separation applications. Other textile products that are not specifically designed for durable separation, such as landscape fabric, should not be used.

Are there national standards on geotextiles?

Yes. Both the American Association of State Highway Officials (AASHTO) and the Interlocking Concrete Pavement Institute (ICPI) recommend geotextile separators to improve long-term performance.

MIRAFI®

Mirafi® 500X is subject to Nicolon Corporation's limited warranty. Limited warranty may be obtained by contacting your retailer or Nicolon Corporation at (706) 693-2226.