

ULTRALOC

BACKING SYSTEM



UltraLoc, from Shaw Sports Turf, is the strongest synthetic turf backing in the industry. The backing of your synthetic turf field is the superstructure of the entire system. It provides the key support structure for your system and is important to the durability and performance of your field.

UltraLoc is comprised of both a primary and secondary backing designed to withstand forces endured through the manufacturing and installation process, and the lifecycle of the field. UltraLoc helps prevent movement of the turf. It also helps hold fibers in place to maintain the integrity of the turf over the lifespan of the field.

ULTRALOC® COMPOSITE BACKING

Primary Layers

- Woven fabrics

Secondary Backing Layer

- High-grade polyurethane

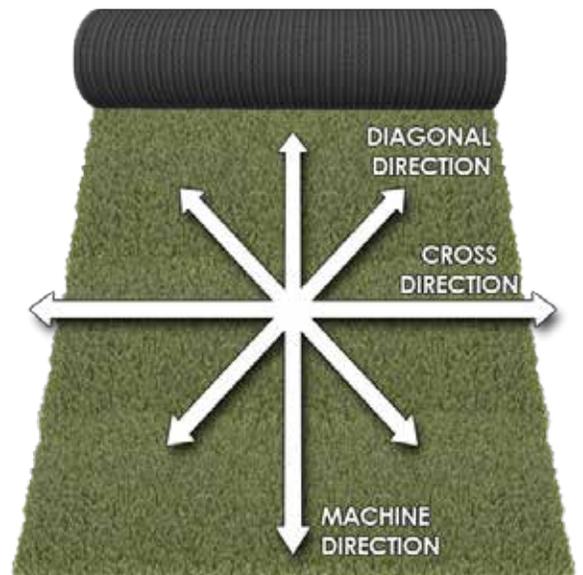


DIMENSIONALLY STABLE

The combination of multiple woven primary backings, with a continuous unitary polyurethane secondary backing, results in a backing fabric that resists extension in all directions and is dimensionally stable.

The increased denier size of our primary backing yarns makes the system stronger and more robust. The thickness of the tapes used to make our primary backing for UltraLoc have increased 24% over the original version of UltraLoc.

The properties of dimensional stability in our turf systems are outstanding. The grab tear, which is the best overall indicator of strength in the backing matrix in the latest version of UltraLoc is, on average, **39% higher than in the original version of UltraLoc, which also offered outstanding dimensional stability characteristics.**



ADDED UV PROTECTION

UltraLoc primary backings contain additional proprietary UV stabilizers for an extra degree of protection. This package optimizes strength, performance, UV protection, and thermal stability. This package far exceeds and enhances the protection provided by carbon black systems used by competitors. What makes us different is that our backing systems get the same attention to UV stabilization that turf face yarns get.



QUV accelerated testing shows that the newest version of UltraLoc is up to 5X more stable than competitive backing systems.

REQUIRES LESS INFILL WEIGHT

The uniform resistance to movement of the UltraLoc system requires less infill weight to keep the turf in place. The turf infill can then be tailored to meet the performance needs of the customer rather than meeting a minimum weight to stabilize the turf fabric.

STRONGER TURF BINDS

UltraLoc's secondary backing is formulated with an improved polyurethane specifically designed for Shaw primary backing and fiber systems, which allows for better penetration and bonding. This specialized chemistry strengthens the grip on fibers so they stay in place. UltraLoc has one of the highest tuft bind guarantees in the industry at 10 lb-F (min. avg.) and is well above the published industry average.

