

B1K

BATting A THOUSAND

THE ULTIMATE PLAYING EXPERIENCE FOR ALL AREAS OF THE FIELD



BASEBALL IS AN
AMERICAN TRADITION
THAT HAS STOOD THE TEST OF TIME.

Thanks to Shaw Sports Turf's revolutionary synthetic turf system designed to the specific needs of baseball, the game surface is evolving. Artificial isn't a forgotten option anymore. **B1K: Batting A Thousand** ushers in a new generation of turf and along with it the next level of playability. Now really, let's play ball.

For this purist game, the approach is different than other sports. Each area of the field is meant to have different playability characteristics. At Shaw Sports Turf we have dedicated ourselves to researching high-end fields and how athletes perform on them to develop artificial turf systems that play true in all areas of the field.

LEADING THE LINEUP

Shaw Sports Turf is the **ONLY** company in the synthetic turf industry with over 5 years of research and collecting data specific to our baseball systems. Focusing on athlete, surface, and game science, we design fields that not only play like natural, but play like the surface the game should be played on.

COMMITMENT TO RESEARCH

THE NUMBERS DON'T LIE

SHAW
14,700
HOURS



367.5
WEEKS

OTHERS
300
HOURS



7.5
WEEKS

SHAW BASEBALL SPECIFIC

10,500
HOURS

SHAW B1K DEVELOPMENT

4,200
HOURS

Shaw Sports Turf's competitors in the industry tout 300 hours of research. That amounts to only 7.5 dedicated weeks of baseball research which pales in comparison to Shaw Sports Turf's years of testing and analysis. The over 4,200 hours dedicated to B1K development and over 10,500 hours dedicated to baseball specific research illustrates Shaw Sports Turf's commitment to excellence.

SURFACE PERFORMANCE

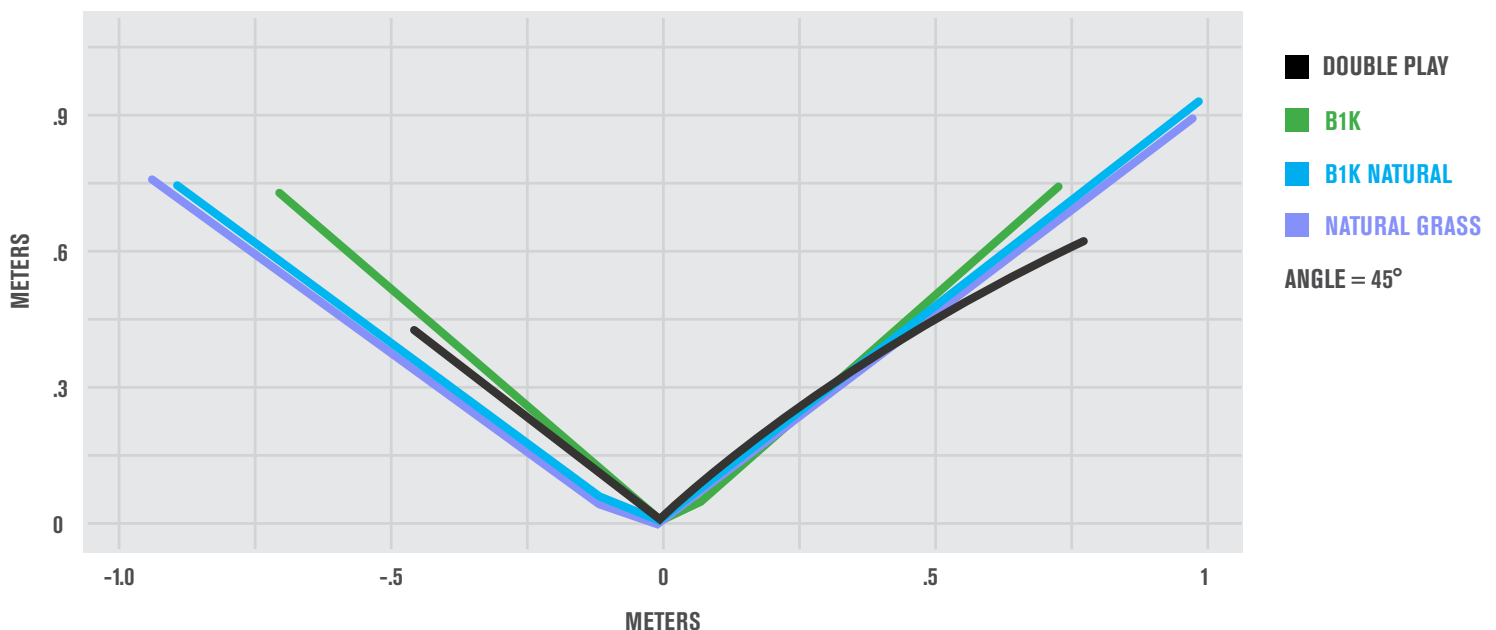
Comparing both natural grass and synthetic turf field characteristics, Shaw Sports Turf set out to develop a method with baseball organizations and academic partners to evaluate a baseball fields' playability. Using a specially designed cannon to replicate ball speeds and angles off the bat and off the surface, different types of data such as ball roll, pace and bounce were collected using high speed cameras along with other surface testing equipment.

Compiling this data on a multitude of different fields, both collegiate and professional, set up an ideal playing surface benchmark for designing our systems.



SHAW SPORTS TURF'S SIGNATURE BASEBALL CANNON LEADS THE WAY AS AN INNOVATIVE BENCHMARKING TECHNIQUE. WE TEST FIELDS WITH OPTIMAL PLAYABILITY TO RAISE THE BAR FOR OUR NEW GENERATION OF BASEBALL TURF, B1K.

BASEBALL BOUNCE ON TURF/GRASS AREAS

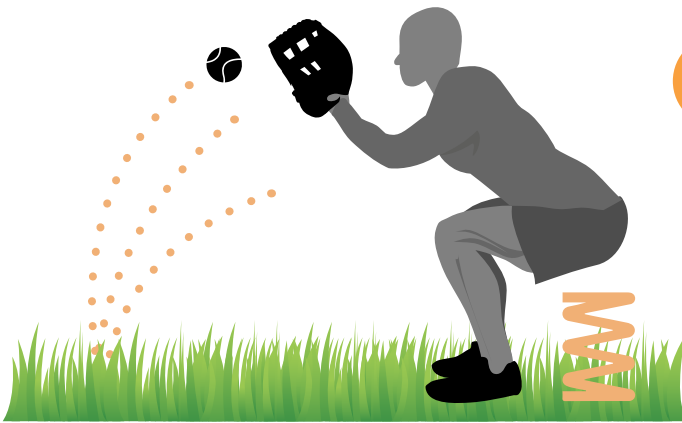


ATHLETE PERFORMANCE

Playability isn't just about the surface alone; it's also about an athlete's interactions with it while performing the movements required by sport. Working with our university research partners, we were able to study those very movements in detail. Attaching sensors to record and analyze athletes on several different surface types, multiple synthetic systems as well as natural, revealed how the body reacts to each of them. For the benefit of the player, the surface should provide less energy rebound and less leg stiffness.

OTHER ARTIFICIAL SYSTEMS

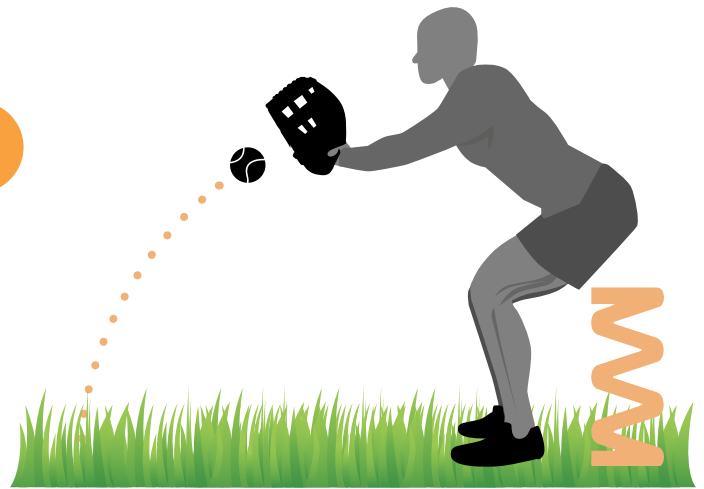
MORE REACTIVE STATE GUESSING THE BOUNCE OF THE BALL | LESS SURFACE CONFIDENCE
MORE TENSION/ADJUSTMENTS REQUIRED IN POSTURE (FEET/LEGS)



VS

B1K

MORE PROACTIVE STATE APPROACHING THE BALL | MORE SURFACE CONFIDENCE
MORE NATURAL POSTURE & LESS TENSION IN LEGS



PLAYING ON A SURFACE TAILORED FOR BASEBALL PROMOTES MORE NATURAL PLAY. A MORE CONSISTENT BALL BOUNCE ALLOWS PLAYERS TO FIELD HITS MORE NATURALLY WHILE A FIRMER SURFACE MINIMIZES FATIGUE AND SORENESS.

KEY FACTOR: ENERGY REBOUND

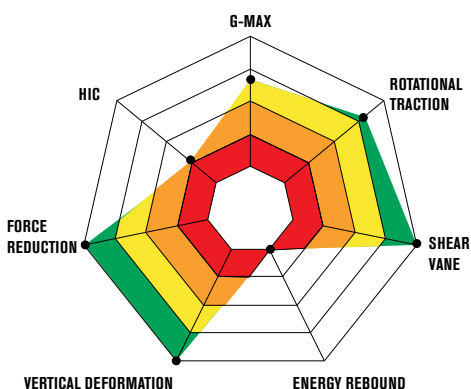
The key component found was energy rebound, or the amount of energy return from the surface upon impact, is a factor in performance. Not only does it affect the angles and trajectory of the ball based on surface type, the amount of energy rebound factors into an athlete's confidence of step. The quicker and easier it is for the body to find a balance, the better the athlete performs.



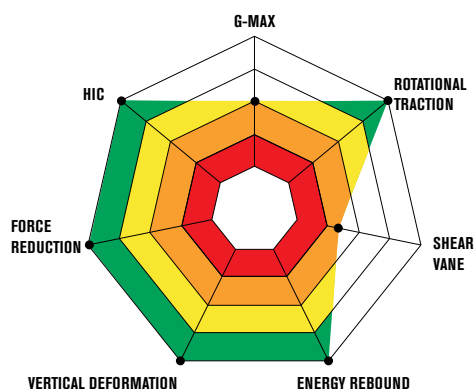
PLAYABILITY ASSESSMENT

Shaw Sports Turf's Playability Tool is a visual representation of data collected through a battery of standard tests that score a field based on how it measures on each. Research shows that what's important to one sport's performance, may not be as important to another. In the graph seen here, the better the field tests in the orange highlighted criteria, the better it is for baseball.

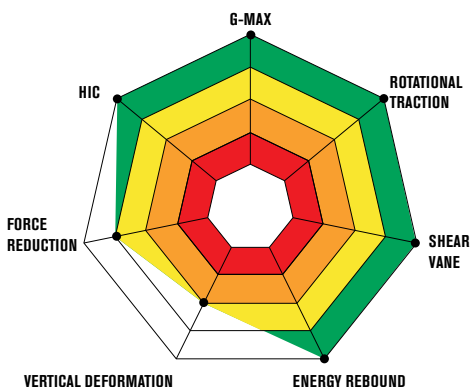
Typical Artificial Baseball Field



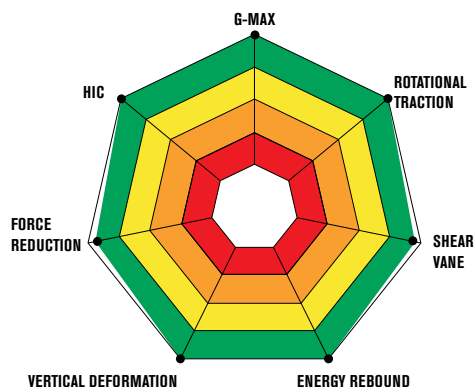
B1K



B1K Double Play



B1K Natural



TAKING THE RESULTS FOUND FROM ALL OF THIS DATA, B1K WAS CREATED AS A COMPREHENSIVE BASEBALL SOLUTION DESIGNED FOR **HIGH-END PERFORMANCE.**

WHAT THEY'RE SAYING



"We've gotten rave reviews from our players on the turf," Derek Jeter, CEO Miami Marlins said. "This turf is a lot different than the artificial surfaces that I've played on. When I was playing, I didn't particularly like the artificial surfaces. But this is as close to grass as you can possibly get."

Derek Jeter, CEO, Miami Marlins



"We are thrilled to have a Shaw surface on this field. We were deciding whether to put a natural grass surface in or consider a synthetic surface. We went to all of the manufacturers on the synthetic side and said, 'We aren't even going to consider this unless you can deliver to us the best playing surface in Major League Baseball! Shaw's commitment to research and development specific to baseball have been second-to-none.'"

Rob Matwick, EVP of Business Operations, Texas Rangers



"The challenges with growing natural grass in our climate and stadium have been well documented and we have considered alternate solutions for many years. We decided to make this change because the technology developed by Shaw is the best in existence and will provide a consistent playing surface and benefits to our players on the field while enhancing our fan experience throughout the ballpark."

Derrick Hall, CEO, Arizona Diamondbacks

B1K: A PRODUCT OF THE RESEARCH RESULTS

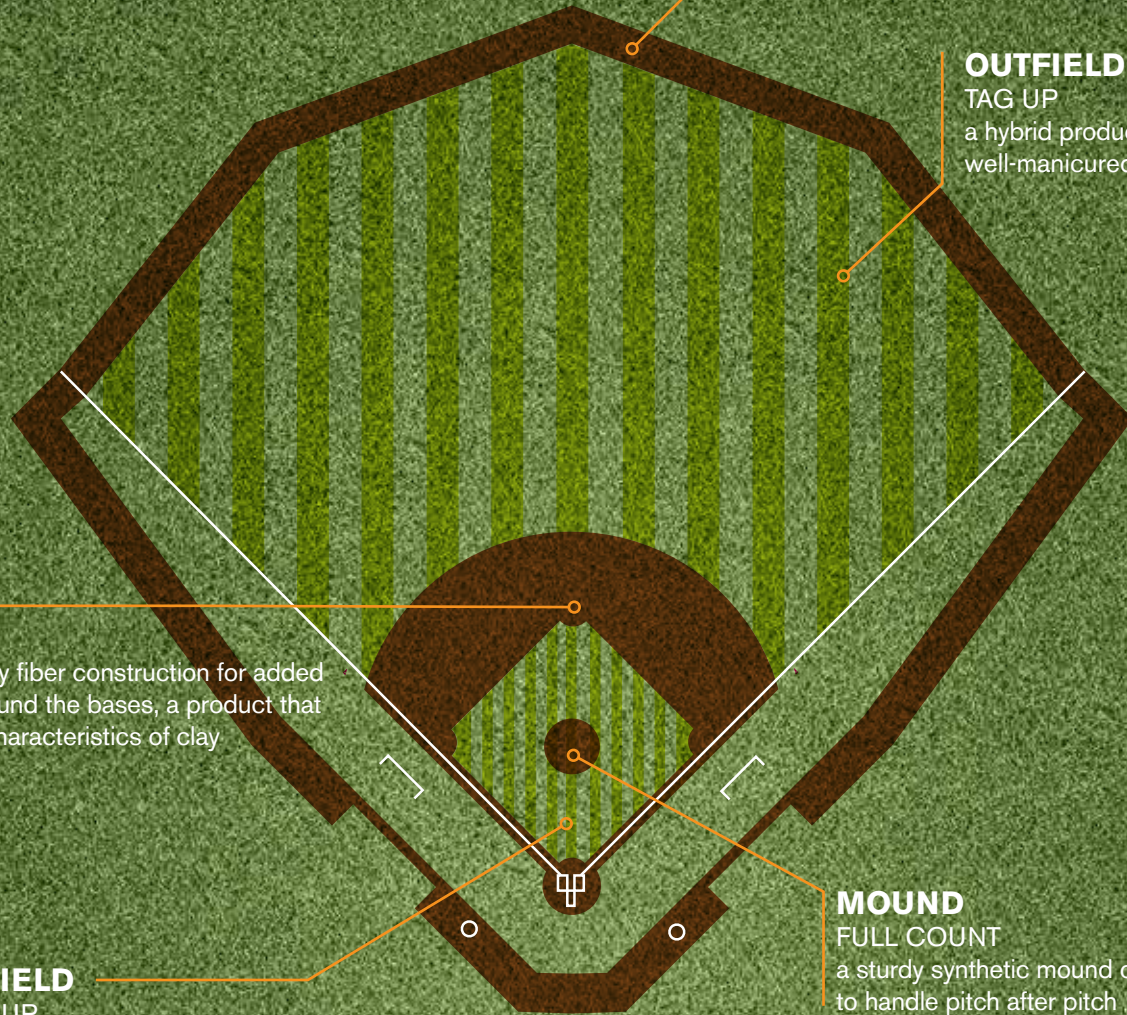
WARNING TRACK
TRUTRACK
 a solution that can be heard & felt when approaching the wall

OUTFIELD
TAG UP
 a hybrid product with a natural, well-manicured aesthetic

SKINS
SIX4THREE
 using a sturdy fiber construction for added durability around the bases, a product that mimics the characteristics of clay

INFIELD
TAG UP
 a hybrid synthetic product with a natural, well-manicured aesthetic

MOUND
FULL COUNT
 a sturdy synthetic mound option to handle pitch after pitch



| PRODUCT | WARNING TRACK TRUTRACK | CLAY/PLATE SIX4THREE | MOUND FULL COUNT | INFIELD (GRASS) TAG UP | OUTFIELD (GRASS) TAG UP |
|------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------------|-----------------------------------|
| B1K NATURAL | | | | | |
| INFILL | NATURAL | NATURAL | NATURAL | NATURAL | NATURAL |
| PAD REQUIRED | YES | YES | YES | YES | YES |
| B1K DOUBLE PLAY | | | | | |
| INFILL | STANDARD | STANDARD | STANDARD | STANDARD | STANDARD |
| PAD REQUIRED | YES | YES | YES | YES | YES |
| B1K | | | | | |
| INFILL | STANDARD | STANDARD | STANDARD | STANDARD | STANDARD |
| PAD REQUIRED | NO | NO | NO | NO | NO |