

CASE STUDY

Field Hockey

Synthetic Turf Underlayment Installation

Armacell's ArmaSport® turf underlayment shock pad achieves the goal for the University of Maryland's Field Hockey & Lacrosse Complex in need of playing field rejuvenation. Learn how easy-to-install closed-cell foam padding is the turf underlayment of choice for national champions like the Maryland Terrapins. **Armacell in Action.**

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MAKING A DIFFERENCE AROUND THE WORLD

Maryland Field Hockey Sticking with AstroTurf and Armacell

PROJECT:

Synthetic turf installation at University of Maryland's Field Hockey & Lacrosse Complex

LOCATION:

College Park, Maryland

CUSTOMER:

AstroTurf – Melissa Vassalotti Twist, Director of Field Hockey

CHALLENGE:

The Field Hockey & Lacrosse Complex was due for its ten year field refresher of synthetic turf which includes Armacell's ArmaSport® turf underlayment at the University of Maryland.

SOLUTION:

Selecting AstroTurf 12 including ArmaSport turf underlayment, the best turf and underlayment padding for superior playability by the Maryland Terrapins

The University of Maryland's field hockey program has become known for a tradition of excellence achieving records of seven NCAA championships and 13 conference season championships – solidifying the Terrapins' position among the top teams in the nation. Maryland has played its home games at the Field Hockey & Lacrosse Complex since its grand opening in 2003. The facility, which the field hockey team shares with the school's women's lacrosse program, has a seating capacity of 2,000 and meets the highest field standards of the Federation of International Hockey. The playing area of the field hockey pitch which is approximately 300 feet in length by 180 feet wide, was ready for a new hockey system that included new turf and an underlayment padding.

When it came time for the University of Maryland to select their new turf, Head Field Hockey Coach, Missy Meharg, knew what she wanted.

As the recipient of the Lifetime Achievement Award from Maryland State ATH Athletic Hall of Fame, Meharg knows a thing or two about NCAA field hockey

and what makes a winning field. Due to international successes of AstroTurf field hockey systems Meharg decided to choose between one of the top two AstroTurf hockey products – AstroTurf 12 or Poligras. The AstroTurf 12 hockey system, formerly known as System 90, consists of knitted nylon adhered to an Armacell ArmaSport underlayment shock pad. Meharg was passionate about staying with her tried and true system which the Maryland Terrapins have successfully enjoyed playing on for over 20 successful years. Field Hockey is a game that relies on ball speed, ball roll, and ball bounce. The AstroTurf 12 knitted nylon system over the Armacell ArmaSport underlayment provides the perfect play for field hockey players at the global level. ArmaSport pads provide protection across 100% of the field, 100% of the time without loss or migration of the cushioning material to the edges of a field. This reinstatement of the turf system at the Field Hockey & Lacrosse Complex met global FIH playability standards and was on time making this project a total success.

"We could not be more pleased with the trust that the University of Maryland has placed in us," said AstroTurf Director of Field Hockey, Melissa Vassalotti Twist. "We take great pride in what we do, and having an elite coach like Missy Meharg return as a satisfied customer helps us know that we are doing the right things."

Did you know that hockey is one of the oldest team sports in the world dating back nearly **3,000** years to the Greek classical era?



Innovative Drainage Options

- // Perforation Holes
- // Ridge and Valley Pattern

ARMASPORT SCORING ABOVE THE REST

For safety and performance, a synthetic field's success starts under the turf. ArmaSport turf underlayment shock pad stabilizes and cushions the playing surface providing consistent shock attenuation across the field. Pile height is an important factor in the game of field hockey. The AstroTurf 12 has a 12 millimeter pile height with a 3/8 inch ArmaSport turf underlayment which makes it an ideal choice for this type of playing field. Pile height must be low on the field surface to avoid any interference with the ball. Minimizing playing issues like ball bounce and uneven rolling requires a firm consistency made to tight tolerances. This system also provides the polarity that is required by customers like the University of Maryland, because it gives the athletes the ability to play their game without surface interference.

ArmaSport underlayment shock pads are closed cell foam manufactured in several thicknesses to meet the strictest specifications. Supplied in rolls, the long lengths and turf-carpet widths are all designed to make installation fast and easy. Our optional drainage system ensures efficient water removal during and after inclement weather to ensure greater field performance, durability and longevity. ArmaSport TU2 has also been tested to FIFA 2 Star and ASTM F355 test methods. For more than 35 years, our closed cell foam has been the ideal turf underlayment pad for consistent playing conditions and greater field longevity. ■

For more information, please visit:
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Environmentally Friendly

- // Low phthalate products that meet the phthalate threshold requirements (<0.1%) of the CPSIA / CPSC Improvement Act of 2008 public law 110-114
- // Formaldehyde free and meets the global REACH and RoHS requirements covering prohibited and reportable substances
- // Manufactured with an antimicrobial to protect against fungi, mold and bacteria

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ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,000 employees and 23 production plants in 15 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.



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