

The Truly Green Drainage Solution



We can never give back what we take from the earth, but we can reduce, re-use, and recycle to minimize our impact.

The innovative technology of Sport Drain ^{MAX} utilizes 99% recycled materials in its production to provide a single product which provides exceptional drainage and impact attenuation superior to current industry standards for artificial turf fields, while reducing the overall disturbance to the natural environment.

Sport Drain ^{MAX}, a 3R FOAM technology, is manufactured from a unique, patent pending, recycling process that was developed using Post-Industrial cross-linked polyethylene foam waste. Prior to this unique process, the foam waste ended up in landfills where it would take many hundreds, or even thousands of years to degrade, generating serious problems for the stability and longevity of a landfill site. The 3R FOAM process is an economically attractive alternative that recycles the cross-link polyethylene foam waste into a continuous, durable environmentally green product.

THE ENVIRONMENTAL IMPACT

- Sport Drain ^{MAX} is comprised of recycled material and can be used for up to two cycles of synthetic turf.
- Sport Drain ^{MAX} can again be recycled for alternative uses.
- The installation of Sport Drain ^{MAX} vs. traditional construction methods reduces the environmental impact of heavy construction equipment and trucks while building a natural aggregate base.
- Less removal of existing base materials saves fuel and disposal costs, potentially reducing movement of 2700 yards of subgrade material for a standard field.
- Use of Sport Drain ^{MAX} vs. natural aggregate eliminates movement of up to 3000 tons of rock.
- The use of Sport Drain ^{MAX} promotes the reduction of non-renewable aggregate sources.
- The system can use recycled concrete as a stabilization mechanism.

THE KEY TO YOUR BEST FIELD

Sport Drain_{MAX} offers the best environmental alternative for your synthetic turf system, while protecting your investment in your field and your players.

Performance

- Shock absorption layer provides consistent, engineered safety across entire field.
- A two part shock absorption layer (mat and infill) enables design optimization of safety and playability. **FIRM BY SAFE.**

Construction

- Reduction of base construction time
- Elimination of the time and effort required for base aggregate testing and approval
- Elimination of subsequent base drainage performance concerns

Cost Effectiveness

- Base drainage layer will last for two turf cycles, eliminating concern with base repair or remediation during turf replacement
- Same turf system savings apply during replacement

SPORT DRAIN_{MAX} AND LEED CREDITS



SDM is the revolutionary Impact Attenuation and Drainage Layer that offers you the most state-of-the-art synthetic base layer technology while offering the most environmentally green synthetic athletic field possible. Using SDM has a number of environmental benefits that may qualify for up to 15 LEED credits with the U.S. Green Building Council:

Energy & Atmosphere:

- Reduced carbon emissions and fuel consumption of equipment.
- Reduced energy cost.

Sustainable Site:

- Reduced disturbance to the site and natural environment.
- Effective storm water management of the field.

Water Efficiency:

- Eliminates irrigation requirements.

Materials & Resource:

- SDM has a 100% recycled content
- SDM is 100% recyclability
- SDM can be reused for up to two cycles.
- Reduced construction waste of the project site while virtually eliminating the construction process for the second cycle.



REDUCE, RE-USE, RECYCLE

At Engineered Sportfield Solutions we understand the importance of providing environmental friendly products for all of your projects. When our Impact Attenuation and Drainage Layer is installed on your synthetic project, you are getting the only recycled and recyclable system on the market today. This innovative system is engineered to give you optimum drainage with a high performing, environmentally friendly, and cost effective alternative to natural resources.

With over 30 years experience developing and implementing *Synthetic Aggregate Systems*, Engineered Sportfield Solutions has resolved the challenges associated with synthetic turf drainage layers. Sport Drain_{MAX} has been specifically developed for drainage directly under synthetic turf while offering enhanced performance and impact protection in one easily installed product.



www.engineered-sportfield.com

3R FOAM

Exclusively Distributed by:

Engineered Sportfield Solutions LLC

4223 Rock Run Road, Havre de Grace, MD 21078

Phone: 410-878-6341 Fax: 410-734-4129

Info@engineered-sportfield.com

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