EN:PLAST
TECHNOLOGIES



+:PAD SPORTS FIELD INITIATIVE

PERFORMANCE. AFFORDABILITY. DESIGN.

www.en-plast.us

The +PAD Initiative

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The +PAD Sports Field Initiative redefines the role of the shock pad in modern turf systems. A pad is not an accessory—it is a performance layer that influences safety, consistency, drainage, and long-term system value. At En-Plast, pad design is intentional, guided by three core principles that define how pads should function within the field system.

P PERFORMANCE

Performance begins beneath the surface.

En-Plast pads are engineered to deliver consistent impact attenuation over time, supporting stable Gmax and HIC performance as the field ages. By absorbing and distributing force, the pad reduces stress on athletes while protecting the turf system itself.

Just as critical, the pad is designed to work with the drainage system. Engineered pathways allow water to move efficiently through the turf and pad layers, helping maintain playability and prevent saturation.

The result is a field that performs as intended—not just at installation, but season after season.

A AFFORDABILITY

Affordability is not a compromise—it is engineered.

Through vertically integrated material sourcing, efficient manufacturing, and system-based design, En-Plast delivers high-performance pads at a cost that supports broad adoption. By reducing unnecessary processing, transportation, and handling, pads can be specified as a standard system component, not a budget exception.

D DESIGN

Design ensures the pad performs within the system.

A shock pad does not work in isolation. It functions in direct relationship with the turf, infill, and base to support overall field performance.

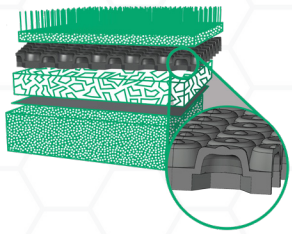
En-Plast pads act as a protective, stabilizing layer above the sub-base, helping reduce compaction, preserve grade integrity, and maintain consistent system behavior over time.

Designed to remain in place through multiple turf replacement cycles and backed by a strong, competitive warranty, the pad helps protect the investment below while supporting performance above.

The System It Supports

Every artificial turf field is built from four primary components:

- **Sub-base** the structural foundation that defines stability and grade
- **Shock pad** the performance layer that absorbs impact and protects the system
- **Turf** the playing surface that interacts directly with the athlete
- **Infill** the material that supports fiber stability and play characteristics



Integrating a pad as part of the field system improves safety consistency, durability, and long-term performance. ShockDrain pads are engineered to work in alignment with the turf and base, providing a reliable layer that supports both system integrity and play performance over time.

ShockDrain™

780 AllSport PAD

En-Plast's premium, cost-effective shock pad engineered for high-performance sports fields and multi-sport applications.

Designed to perform beneath the surface, the 780 AllSport PAD provides consistent impact attenuation, structural stability, and efficient drainage to support safe, reliable play over time.

Its engineered design promotes 360 degree rapid drainage through the system, helping reduce surface saturation and improve post-rain playability.

As part of the field system, the pad also serves as a protective layer above the sub-base, helping preserve grade integrity and reduce long-term wear on the turf. Built for durability and backed by a strong, competitive warranty, the 780 is designed to remain in place through multiple turf lifecycles—supporting consistent performance and long-term value.



Key Features

- ☑ **Consistent Gmax & HIC performance** over the life of a well-maintained field.
- ☑ **Engineered drainage channels** for rapid water movement and field playability.
- ☑ **Sub-base protection layer** to help maintain grade and system integrity.
- ☑ **Supports multiple turf** replacement cycles.
- ☑ **Dimensional stability** that installs flat and stays flat over time.
- ☑ **Cost-efficient alternative** to traditional high-performance pad systems.

Tested for Confidence

The AllSport Pad is independently tested to support the safety, performance, and environmental expectations of modern field projects.

Third-party testing confirmed:

- ☑ PFAS compounds were not detected above laboratory reporting limits in the sample tested, per EPA 1633 guidelines.
- ☑ PAH content met ASTM F3496 requirements.
- ☑ Heavy metals migration testing met EN 71-3 requirements.

These results provide greater confidence in the materials used beneath the surface and fewer questions during design, procurement, and project review.

Firefly Sports Testing CERTIFIED TO EPA 1633

Firefly Sports Testing CERTIFIED TO ASTM F3496

Firefly Sports Testing CERTIFIED TO EN 71-3

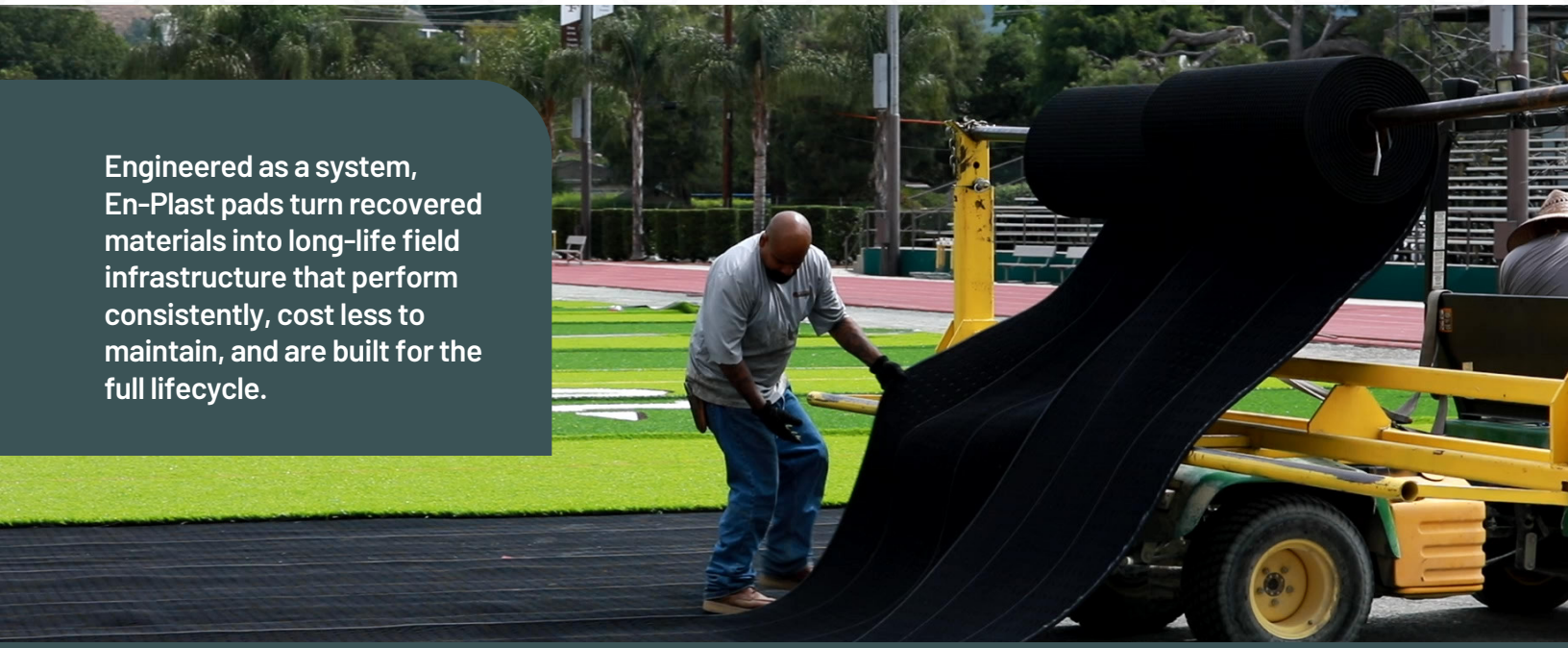




Sustainability Built Into the System

Sustainability at En-Plast is not a separate initiative. It is embedded in how the system operates.

Materials are recovered, sourced, and repurposed through integrated retread and manufacturing networks, minimizing handling, transportation, and added processing. By consolidating these inputs directly into En-Plast pads, the system reduces waste, limits avoidable freight, and improves material efficiency by design.



Engineered as a system, En-Plast pads turn recovered materials into long-life field infrastructure that perform consistently, cost less to maintain, and are built for the full lifecycle.

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General Line: (281) 821-7700
Sales Inquiries: (828) 774-6342
Email: info@en-plast.us