

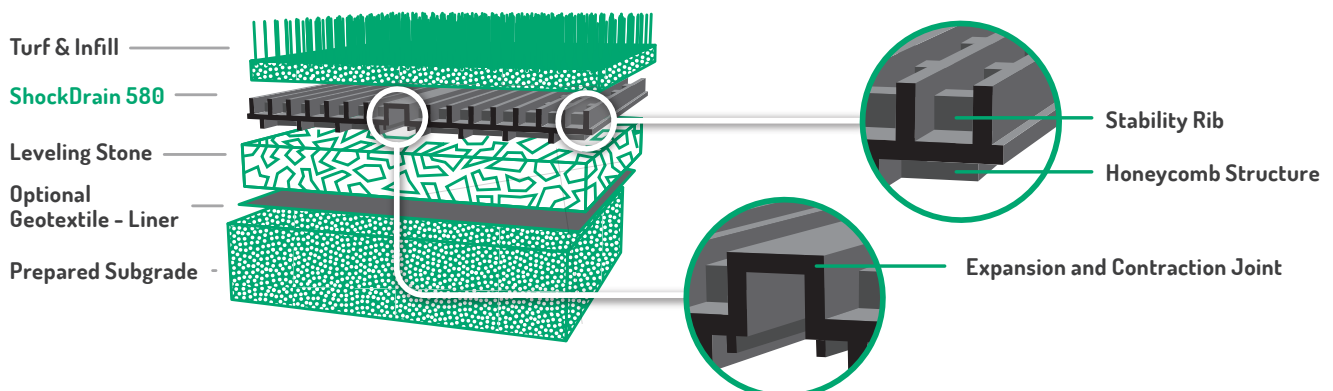
SHOCKDRAIN 580

Project Objectives:

- 1) Install a pad-based solution in roll form (mailer board to mailer board).
- 2) Decrease installation time when compared to a tile base system.
- 3) Maintain a totally flat surface without any junction line transferring through the turf.
- 4) Allowing construction traffic of top of the pad.

Summary of Case Study Findings:

ShockDrain requires less time and man power to install than any tile solution. The updated pad design and incorporation of expansion and contraction joints allows the product to lay flat without any buckling or bubbling of the pad when left exposed to direct sunlight. The honeycomb structure on the pad base also locks to the sub-base and allows construction traffic to move freely above the pad. The new lateral junctions, with a pre-applied PSA, Pressure Sensitive Adhesive, adhere in a flat manner and avoid any line transfer through the turf.



CUSTOMER NAME: SPRINTURF
REFERENCE EMAIL: bsteck@sprinturf.com
PROJECT NAME: Gasden City High School (Gasden, Alabama)
PROJECT SIZE: 98,000 square feet

PROJECT IMAGE:



Q. How did the installation go?

A. ShockDrain 580 was a breeze: Putting it down was simple since the product rolls right out. The way En-Plast structured ShockDrain to deploy significantly cut down on installation time. Interlocking the various rolls together once they were rolled out was also a piece of cake.

Q. How many days did it take?

A. The pad took less than 3 days to install. The entire project took 3 weeks. Which is fairly typical of a successful install - meaning the 3 days spent on installing the pad did not delay our timeable.

Q. How many team members were a part of install?

A. 6 team members, total.

Q. Would you recommend ShockDrain 580 to others?

A. 100%. We had no issues at all!

Q. What can En-Plast improve on our end to make installation easier?

A. Your product truly unrolled perfectly, it was not too heavy, and was generally a very easy pad to install. We believe using an "A" frame might further decrease installation time.

Q. How easy is the install using rolls versus panels pads?

A. On a scale of a 1-10 (10 being the easiest), like a 100. ShockDrain's rolls interlock, making the installation process much smoother.

ABOUT EN-PLAST

En-Plast is a Houston, Texas based technology business that manufactures engineered pads which utilize post-consumer recycled material and other plastics for a variety of in-ground and above ground applications.

Our products are unique and used for innovative purposes including, but not limited to: impact absorption, water conservation, noise pollution, reinforcement, and foundations. En-Plast sources raw materials that are under-utilized or wasted, exemplifying our mission to deliver products that are environmentally friendly. Our facility is strategically located to ensure the quick distribution and installation of our products through direct sale and strategic partnerships.

Performance Chart

	Units	Shockdrain 580	FIFA /IRB/STC Recommendation	580 Performance Evaluation*
Material	Type	TEPC		Thermoset Elastomer Polyolefin Composite
Format	Form	Rolls		Faster to install and less truckloads than panels
Mass Per Unit Area /Ballast	Lbs/ft ²	.94		Heavier than panels
Force Reduction	%	66	57-68	Meet standards recommendations
Vertical Deformation	mm	9.3	4-11	Meet standards recommendations
Energy Restitution	%	40	22-48	Meet standards recommendations
Critical Fall High	m	1.3	1.3	Meet standards recommendations
GMAX	G's	90	<160	Meet standards recommendations
Transmissivity - Water Planar Flow	m ² /s	4.2 E-02		Best in the market
Warranty	Years	25		Competitive
Recyclable	%	100		Uses 100% of the product to re-manufacture a new pad

