CUSHDRAIN® SHOCK PAD

Our Cushdrain pad is an elastic layer, or shock pad, that is paved into place over the laser-graded stone foundation of a turf system which increases shock absorption. It is a two-in-one system that is made of mega rubber and moisture-cured polyurethane binder that is cured 48 hours before installing the turf. Hellas allows only factory trained technicians skilled in the installation process to execute the placement of the Cushdrain system. It is also resistant to rot, mildew, water, freeze-thaw, and compression set associated with normal athletic field use.

Cushdrain provides added safety for your athletes by increasing shock absorption and reducing concussions. Not only does it provide protection for your athletes, but also improves the drainage of the field which reduces downtimes caused by heavy rains. The elastic layer provides planarity that holds its form and position through 3-4 lifecycles of the turf.

THICKNESS: 19MM NOMINAL
DENSITY: 52 LBS. /CU. FT.
WEIGHT: 40 LBS./SQ. YD.
SHOCK ABSORBENCY: <100 G’S FOR TOTAL SYSTEM

UNIVERSITY OF CALIFORNIA-BERKELEY - Berkeley, CA // MATRIX TURF WITH CUSHDRAIN
A Cushdrain elastic layer provides safety and optimizes the playability of your synthetic turf field.

**NORMALIZED G-MAX**
Cushdrain significantly reduces the change in the synthetic field’s G-max over time, which often increases as the synthetic turf ages providing a safer playing field for your athletes.

**TRUER PLANARITY**
Cushdrain is precisely installed and bound together as a single layer below the synthetic turf. It holds a true form and position over time.

**INCREASED LONGEVITY**
Cushdrain absorbs stress put on the synthetic turf, diffusing the point of impact and will remain in place for multiple turf life cycles. This cuts down on the overall cost of replacing your turf field in the future.

**IMPROVED DRAINAGE**
Cushdrain draws water away from the field’s surface and into the drainage system - reducing downtime caused by heavy rains.

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**MATERIAL** | **LBS./SQ. YD.**
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1-5mm SBR Rubber Granules | 18.0
Pea Gravel | 18.0
Binder | 2.9
**TOTAL** | **38.9**

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**NOTABLE INSTALLATIONS:**
- UNIVERSITY OF TEXAS
- UNIVERSITY OF CALIFORNIA-BERKELEY
- CATHEDRAL PREP HIGH SCHOOL
- GARDEN CITY COMMUNITY COLLEGE
- HERMISTON HIGH SCHOOL

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**SPECIFICATIONS**
The Cushdrain elastic shock pad shall be 19mm in nominal thickness. Composition to be 1-5mm SBR rubber granules, mineral aggregate, and moisture-cured polyurethane binder. Elastic layer system shall have demonstrated resistance to rot, mildew, water, freeze-thaw, and compression set associated with normal athletic field use.