

CUSHDRAIN®

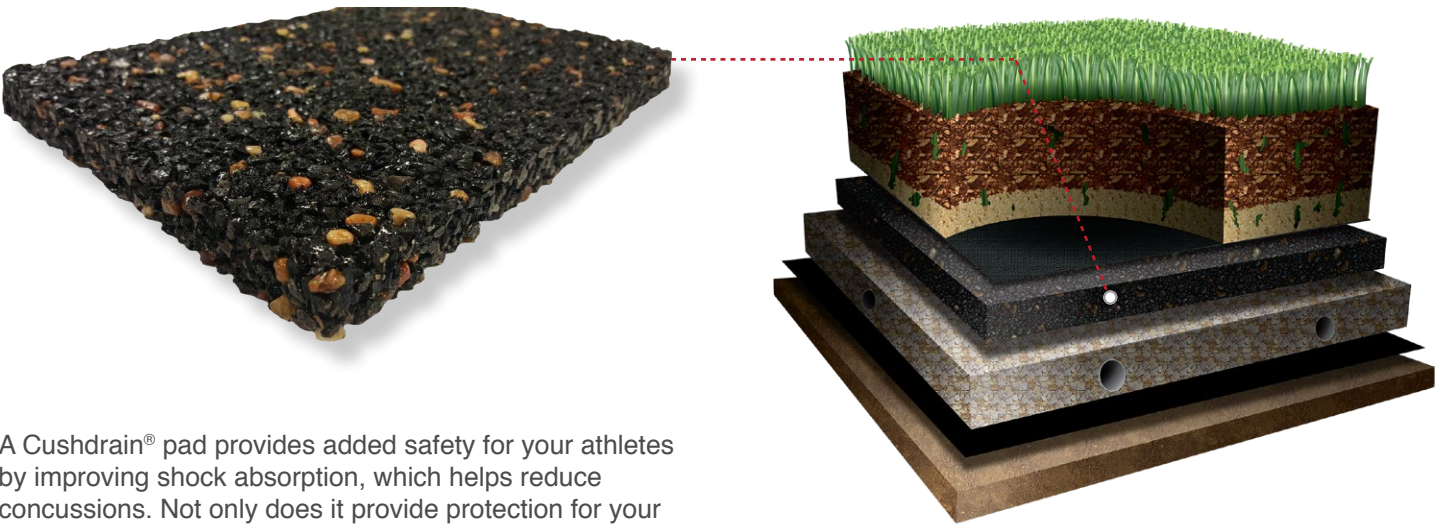
A SAFER LONG-TERM FIELD INVESTMENT



Hellas®

Construction, Inc.

WHAT IS CUSHDRAIN?








A Cushdrain® pad provides added safety for your athletes by improving shock absorption, which helps reduce concussions. Not only does it provide protection for your athletes, but also improves the drainage of the field, which reduces downtime caused by heavy rains. The elastic layer provides planarity that holds its form and position through 3-4 life cycles of the turf.

Cushdrain's binder is made at Hellas Polymers and uses only non-toxic components and no heavy metals. It is a two-in-one system mixed on-site that is made of mega rubber and polyurethane binder — moisture-cured 48 hours before installing the synthetic turf.

WE HAVE THE
SOLUTION FOR
ACHIEVING A
SAFER FIELD
FOR YOUR
ATHLETES

CUSHDRAIN BENEFITS

-  LOWER G-MAX
-  REDUCED CONCUSSIONS
-  TRUER PLANARITY
-  SUPERIOR DRAINAGE
-  RECYCLED MATERIALS

Allen ISD's Eagle Stadium - Matrix Turf with Cushdrain

INVEST IN ATHLETE SAFETY:
UNDERSTANDING G-MAX AND CONCUSSIONS

The lower the G-max of a playing surface, the more safe the surface is for athletes. Our patented Matrix® Turf system combined with a Cushdrain shock pad maintains a G-max rating comparable to that of a pristine natural grass field. **Any G-max rating under 100 reduces the relative risk of a concussion by 50% when compared to the 160 G-max rating of a generic turf system over a stone base.**



G-MAX LIMIT:
UNDER 200 G's

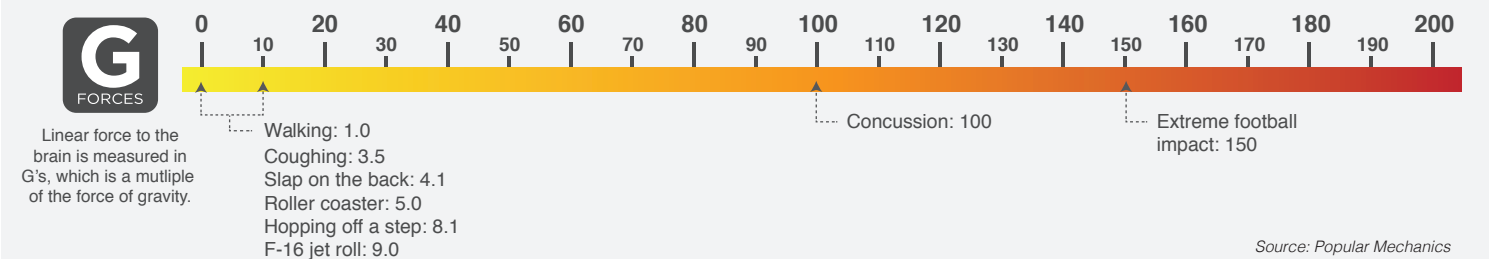


G-MAX LIMIT:
UNDER 165 G's



G-MAX RATING:
UNDER 100 G's

RISK OF BRAIN INJURY SCALE



CUSHDRAIN TEST REPORTS

Turf	Pad	Infill	G-Max
Matrix Turf w/ Helix	Cushdrain	Geo Plus	88
Matrix Turf w/ Helix	Cushdrain	Realfill	85
Matrix Turf	Cushdrain	Geo Plus	92
Matrix Turf	Cushdrain	Realfill	95
Matrix Real	Cushdrain	Geo Plus	90
Matrix Real	Cushdrain	Realfill	93

CONCUSSION STATISTICS



47%

of all reported sports concussions occur during high school football



1 IN 5

high school athletes will sustain a sports concussion this season



40%

more female high school soccer athletes suffer concussions than males



CUSHDRAIN[®]

GET SMART ABOUT PLAYER SAFETY

www.matrix-turf.com
1-800-233-5714

Cushdrain[®] - an exclusive innovation of Hellas Construction, Inc.[®]



Hellas Construction, Inc. is a sponsor of The University Interscholastic League