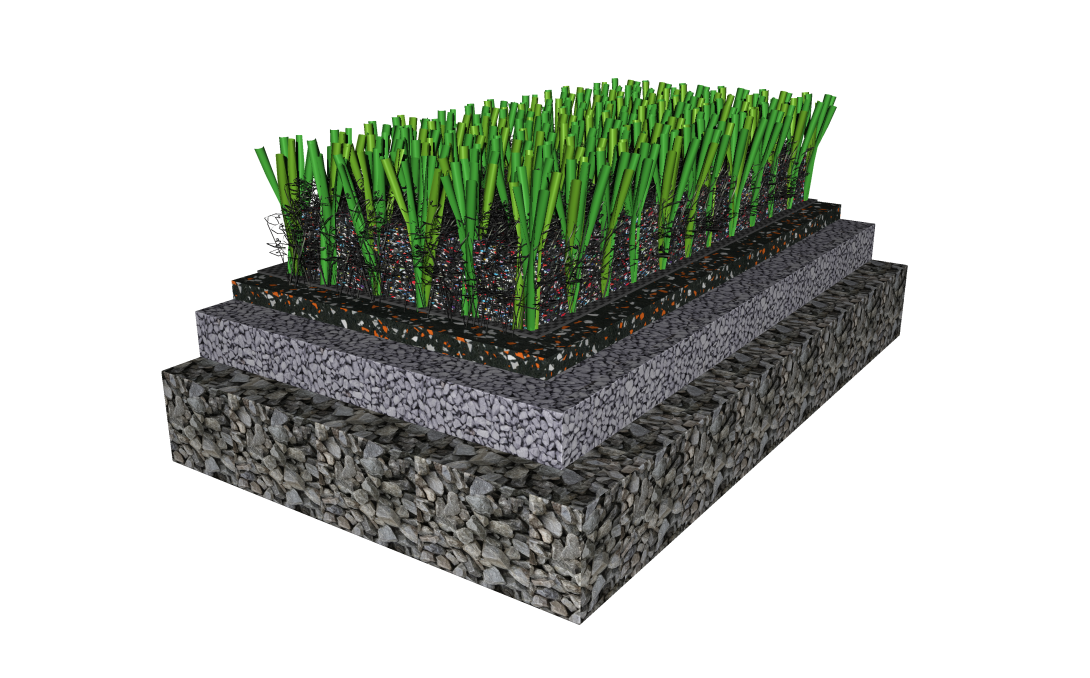
***3DSustain***

Due to the emerging “concussion discussion”, shock absorbing pads are a growing trend in the world of synthetic turf.

AstroTurf is celebrating its 50th anniversary, so we’ve seen a lot of trends. While others might just slide a pad under an existing system and call it a day, AstroTurf knew that more needed to be done to create a truly pad-friendly, player-friendly system.

For this reason, AstroTurf has collaborated with industry leaders **Nike** and **Ecore** to painstakingly engineer *3DSustain.* This fourth generation systemis designed from the bottom up to provide sustainable, lasting player protection and durability.

Horseshoe + XP Face Fibers – a blend of the industry’s best monofilament and slit film fibers for great resistance to wear and gorgeous aesthetics



Nike Grind Infill– Tire-free infill option that offers shock absorption and is taken from Nike’s manufacturing waste

Silica Sand layer – for ballast and speed

RootZone – Long-time hallmark of AstroTurf’s innovative 3D system, the RootZone encapsulates infill for less splash and contributes to consistent shock reduction and optimal cleat release

S:\Logos\LOGOS (Raster Format)\Facilities\AstroTurf\NRG Pad Logo.png, featuring Nike Re-Grind rubber from Nike’s Reuse a Shoe recycling program

3D*Sustain* by the Numbers:

1248 = Density Score ► Sustained Resistance to Wear

2000 = Number of compressions applied to the system during testing ► Thoroughly Vetted

52 = Ounces of Fiber Per Square Yard ► Heavy System Weight for Durability

10 = Thickness in mm of the *NRG Pad*► Sustained and Consistent Energy Dispersion

30 = Minimum Gmax reduction over traditional turf systems ► Substantial Shock Reduction

1.5 = Height in inches of the turf ► Next Generation Design

0 = Tires used in the infill ► Meets Nike’s stringent environmental standards

20 = Temperature reduction in Degrees F versus traditional SBR ► Comfort on the Field

80,000 = Pounds of Nike Grind infill prevented from going to a landfill per field ► Significant Sustainability