

“Engineered to Redirect Heat Away from the Surface”

1 WHAT IS CLIMACORE?

ClimaCore is a proprietary blend of High and Low density ceramic beads that control heat on the surface of artificial turf.



LOW DENSITY
CERAMIC BEADS



HIGH DENSITY
CERAMIC BEADS

ClimaCore is blended with all existing infills and can be used in new construction or added to existing fields to create a cooler playing experience and significantly reduce “heat load” on players, coaches and spectators.



NEW CONSTRUCTION



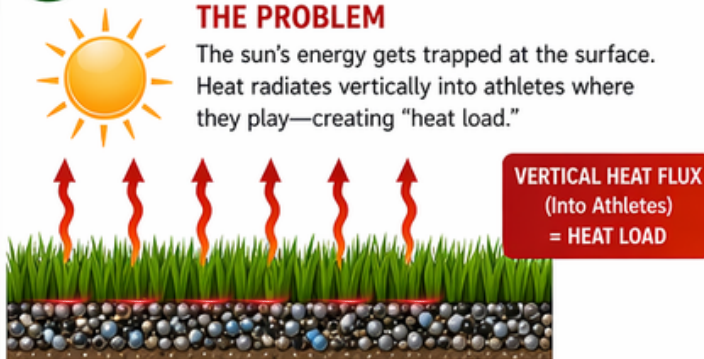
RETROFIT / ADD TO
EXISTING FIELDS

Rethinking heat from a scientific perspective
to create a cooler, safer turf experience.

2 HOW DOES IT WORK?

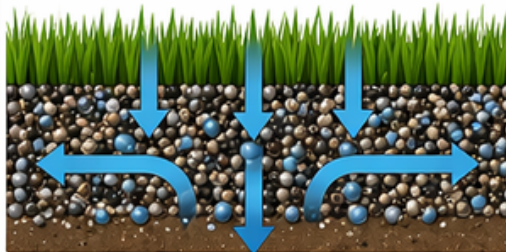
THE PROBLEM

The sun’s energy gets trapped at the surface. Heat radiates vertically into athletes where they play—creating “heat load.”



THE CLIMACORE SOLUTION

ClimaCore uses proven science to change the direction of heat. High thermal conductivity pulls heat away from the surface and down into the infill, where it is dispersed horizontally.



**HIGH THERMAL
CONDUCTIVITY**
Pulls heat away
from the surface
and down into
the infill.



**HIGH HEAT
CAPACITY**
Captures and
stores heat,
releasing slowly
overnight.



ClimaCore
Ceramic Beads



Silica Sand



Rubber or
Organic Infill material

Heat is stored and released slowly overnight.
The field resets every night—ready for
another hot day tomorrow.

3 RESULTS

ClimaCore delivers measurable improvements where it matters most.



LOWER ATHLETE HEAT LOAD

The primary safety outcome:
Significant reduction in athlete heat
load at the athlete interface.



EXTREME DANGER SHIFT

Improved WBGT status.
Shifts from “Extreme Danger”
to “Safe/Playable” zones.



COOLER SURFACE TEMPERATURES

Surface feels cooler at contact
point than the surface temperature
indicates.



REDUCED PEAK TEMPERATURES

Lower peak surface temperatures
compared to standard infill systems.



MORE PLAY. SAFER DAYS.

More playable days,
lower injury risk,
better performance.



**COOLER SURFACES. SAFER ATHLETES.
BETTER PERFORMANCE.**