

Brock® “This just in...”

Brock weighs in “greener than stone”

An independent research project known as a Life Cycle Assessment, or LCA, was conducted by the Rocky Mountain Institute in partnership with Athena Institute in order to determine the environmental implications of constructing an infilled synthetic turf field over a traditional stone base versus constructing the same field over a Brock Performance Base.

For the local environment, the effects of constructing a field with the Brock material are less than the effects of constructing the same field with a stone base: “The quantity survey results for the materials necessary to construct the two alternative synthetic turf fields indicated that substituting Brock underlayment resulted in:

- a 50%-60% reduction in the amount of material (soil) excavated;
- a 60%-65% reduction in the amount of aggregate usage; and,
- a 100% reduction in “in-field” drainage pipe usage, depending on location.

Overall these materials savings for the Brock USA underlayment synthetic turf system, relative to the conventional stone base system, translated into an on-site construction and materials transportation **energy use savings of 45%-55%**, depending on location.

For this reason, the LCA indicated positive results for the Brock material in the categories such as Smog Formation Potential, Human Particulate Potential (airborne particulates), and Eutrophication Potential (the over fertilization of surface waters). “As the proliferation of synthetic turf continues, finding more environmental construction methods is key. We have long known that Brock enhances the field’s performance from a playability standpoint. Now we also know that it addresses some of the environmental concerns as well,” says Dan Sawyer, CEO of Brock USA. For a copy of the study, please contact your local Brock representative or Brock USA.



Patterson High School Field a community event ▼



Patterson, CA — When Patterson High School decided to put in a new synthetic turf field, the community really got behind it. And ON it. About 50 local residents comprised of mothers, fathers, sons, daughters, and Patterson athletes showed up with picnic baskets in tow to install the new Brock base in preparation for the turf installation. With energy running high, the Brock base was installed and the site cleaned up in only five hours. Congratulations to the community of Patterson for setting a new Brock installation speed record!

UC Riverside NCAA D-1 Soccer



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The Highlanders Mens Soccer team was ranked #4 in the Big West Preseason Poll. Being a Division 1 Soccer program, performance of their new stadium was crucial, as well as getting their players on the field in time for their hard core training regimen. Speed of construction was the key. UCR broke ground on their new synthetic soccer field for the Men’s and Women’s soccer clubs on July 5, 2007. Timeline for completion was 45 days – only Brock could help meet this aggressive timeline. The field was completed on schedule August 17th, 2007, taking about 25% of the time out of the construction window. Mike Miller, Vice Chancellor of Facilities, is thrilled with his new field. Go Highlanders!

 **BROCK®**
Lead the field.