



## Cradle to Cradle™. The design concept that loves nature.

Brock uses an eco-effective approach to design that allows manufacturers and customers to celebrate the quality of materials used in a product. The central idea behind this concept is that a product must be created in such a way that it becomes an asset, not a liability, following its initial use and never goes to a landfill.

PowerBase/Play™ is manufactured as an interlocking panel system with the highest quality expanded polypropylene, well known for its longevity and environmental safety. After decades of use, the panels can be easily removed, cleaned and reused in their next life as a quality, durable material with minimal use of additional energy or waste. Alternatively, as a pure mono-component material, the panels can be easily recycled and remade into other quality products, eliminating the demand for new fossil fuels. Most manufactured and poured-in-place materials are hybrids which are mixtures of components that are difficult or impossible to salvage. These materials are simply more expensive to recycle than to dispose of, which means that they inevitably end up being burned or in a landfill. PowerBase/Play™ is instead a pure non-toxic product that can be used for closed-loop recycling over and over again.

### IMAGINE A WORLD IN WHICH ALL PRODUCTS ARE DESIGNED ACCORDING TO THE CRADLE TO CRADLE CONCEPT

- 100% closed loop Recyclable
- 100% non-toxic and lead free
- 100% pure polypropylene
- Material recovery and re-use
- No landfill costs or environmental consequences



[www.brockusa.com](http://www.brockusa.com) / 877-276-2587



US Patents: 8,236,392, 8,353,640 and D637318 and other patents pending.

# Sustainable Safety for Playgrounds.



**POWERBASE/PLAY**  
BY BROCK



# The most advanced base system for artificial turf playgrounds.



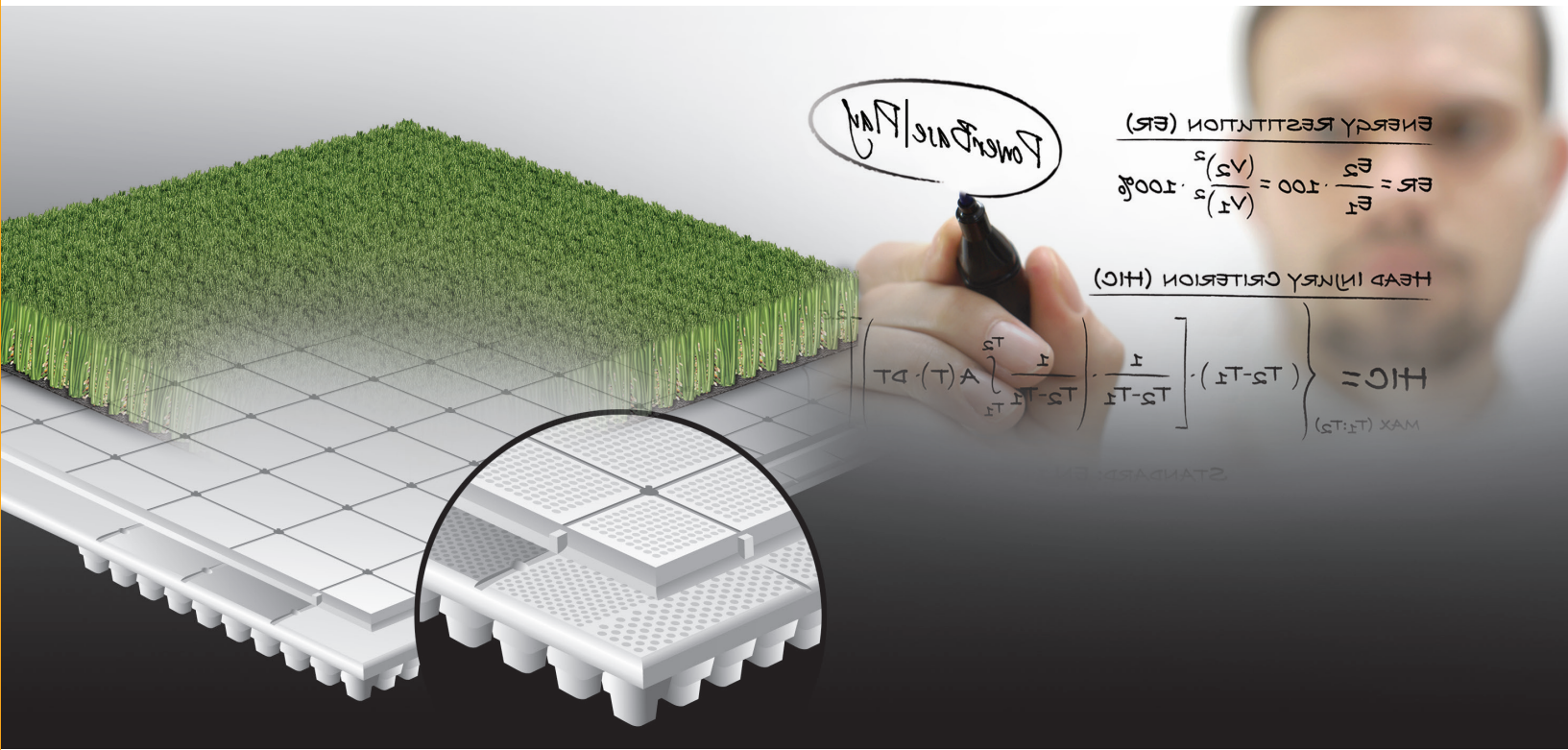
- **SAFETY:** PowerBase/Play™ is designed to create a surface with an elevated degree of safety, year after year, in any climatic condition.
- **ENVIRONMENT:** PowerBase/Play™ is made from a 100% recyclable material and is certified to the world's most stringent environmental standards.
- **DRAINAGE:** The vertical and lateral drainage capability of PowerBase/Play™ results in a reliable, efficiently draining play area, while also addressing water storage for storm water management.
- **DESIGN:** PowerBase/Play™ is a thermal insulation and drainage layer that can be installed over both permeable or impermeable bases, greatly reducing the risk of frost heave and the need for costly drainage systems.
- **INSTALLATION:** PowerBase/Play™ panels install with maximum precision using a unique patented interlocking system, thus eliminating the need for glues or tapes. PowerBase/Play™ has been engineered as a dimensionally stable system that can be installed in virtually any climatic condition. A typical playground installs in less than a day.
- **20-YEAR WARRANTY:** The quality and performance of PowerBase/Play™ doesn't change with time, so years of reliable safety are guaranteed. That's serious peace of mind for the installer and owner.
- **QUALITY ASSURANCE:** PowerBase/Play™ is manufactured in an ISO-certified factory, will not decay or degrade over time, and is resistant to bacteria, fungi, and chemicals.

## Our Commitment to the quality and safety of play:

Established in 1998 to serve the athletic equipment and artificial turf field markets, Brock has developed a variety of products that enhance athletic performance, safety and the quality of play. Our broad line of technologies for artificial turf has been used successfully from NFL and NCAA levels, to children's leagues and at the local park. Our systems have produced fields that last longer, are safer to play on and reduce environmental impact. With the proliferation of PowerBase/Play™ Brock has now committed its technology and engineering know-how to improving children's playgrounds and play areas.



# Engineered for predictable long-term safety.



Head Injury Criteria is the international safety standard for playgrounds (EN1177 / ASTM F1292). This test determines the risk of a head injury as a result of an impact with a surface. Understanding the H.I.C. of a playground surface is to accurately predict the likelihood of a moderate, severe, or catastrophic head injury. Brock's patented design of Impact-absorbing pistons on the bottom of each PowerBase/Play™ panel, together with a unique overlapping joint system have been specifically engineered to provide optimal and consistent H.I.C. test results.



## Quality that every playground needs.

PowerBase/Play™ by Brock is the only complete base system that has been designed and engineered specifically for artificial turf playgrounds. Each PowerBase/Play™ panel is individually manufactured and inspected for quality. Each feature of PowerBase/Play™ panel optimizes function for predictable safety, drainage, turf stability and precise fit.

PowerBase/Play™ is produced from 100% pure high-grade expanded polypropylene. This non-toxic and highly durable material will not decay or degrade. PowerBase/Play™ is resistant to bacteria, fungi, and chemicals, is 100% recyclable and complies with the most stringent environmental standards.