



*Sustainable Safety for Playgrounds*

# An eco-effective base system for artificial turf playgrounds



**Safety:** PlayBase™ is designed to create a surface with an elevated degree of safety, year after year, in any climatic condition.



**Environment:** PlayBase™ 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 PlayBase™ results in a reliable, efficient draining play area, while also addressing water storage for storm water management.



**Design:** PlayBase™ is a thermal insulation and drainage layer that can be installed over pervious or impervious bases, thus eliminating the risk of frost heave and the need for costly drainage systems.



**Installation:** PlayBase™ panels install with maximum precision using a unique patented interlocking system, thus eliminating the need for glues or tapes. PlayBase™ 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.

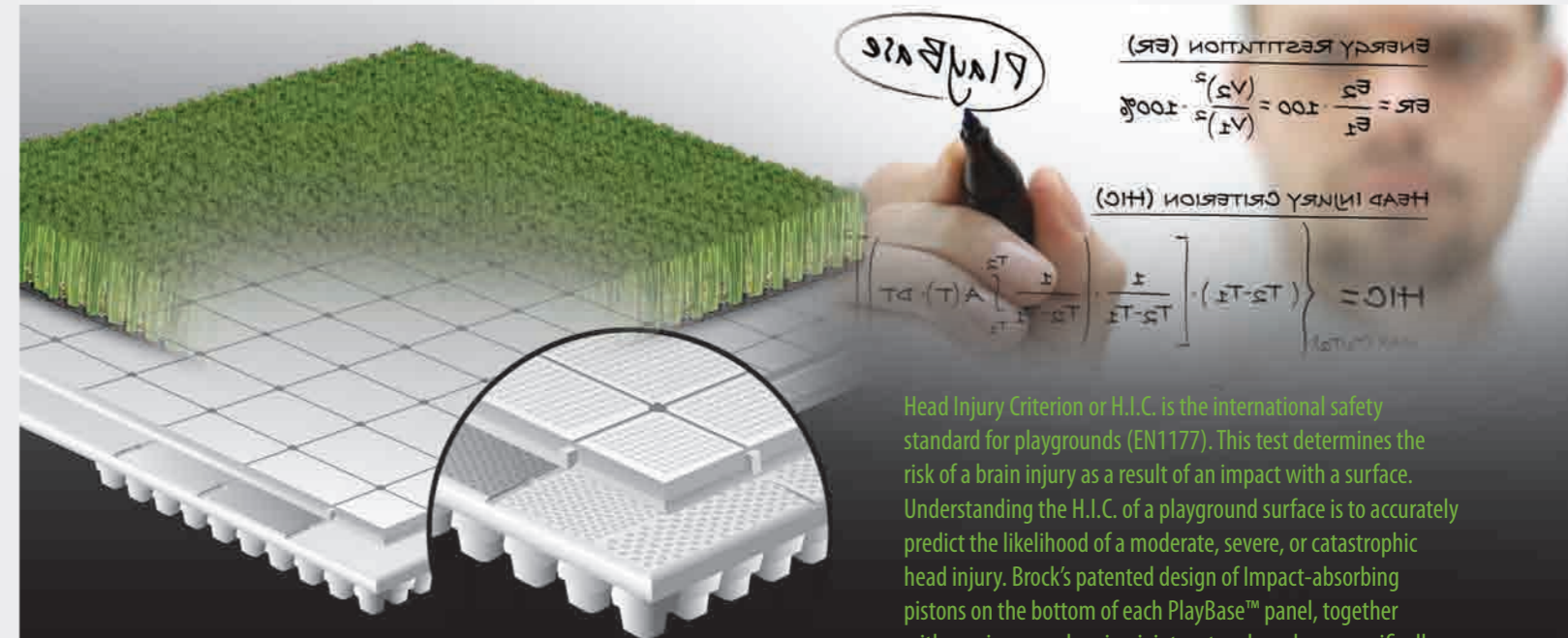


**20-Year warranty:** The quality and performance of PlayBase™ doesn't change with time, so years of reliable safety are guaranteed. That's serious peace of mind for the installer and owner.



**Quality Assurance:** PlayBase™ is manufactured in an ISO-certified facility, will not decay or degrade over time and is resistant to bacteria, fungi and chemicals.

# Engineered for predictable long-term safety



Head Injury Criterion or H.I.C. is the international safety standard for playgrounds (EN1177). This test determines the risk of a brain 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 PlayBase™ panel, together with a unique overlapping joint system have been specifically engineered to provide optimal and consistent H.I.C. test results.



## Our Commitment to the quality and safety of play

Established in 1998 to serve the athletic equipment and artificial turf pitch markets, Brock has developed a variety of products that enhance athletic performance, safety and the quality of play. Our athletic padding used in protective sports uniforms and equipment was proven to reduce body temperatures and help athletes stay cooler and recover faster. Our technologies for artificial turf have been used successfully from professional to collegiate levels, down to children's leagues and at the local park, and have proven to result in pitches that are more reliable, safer to play on and reduce environmental impact. With the introduction of PlayBase™ Brock has now committed its technology and engineering know-how to improving children's playgrounds and play areas.

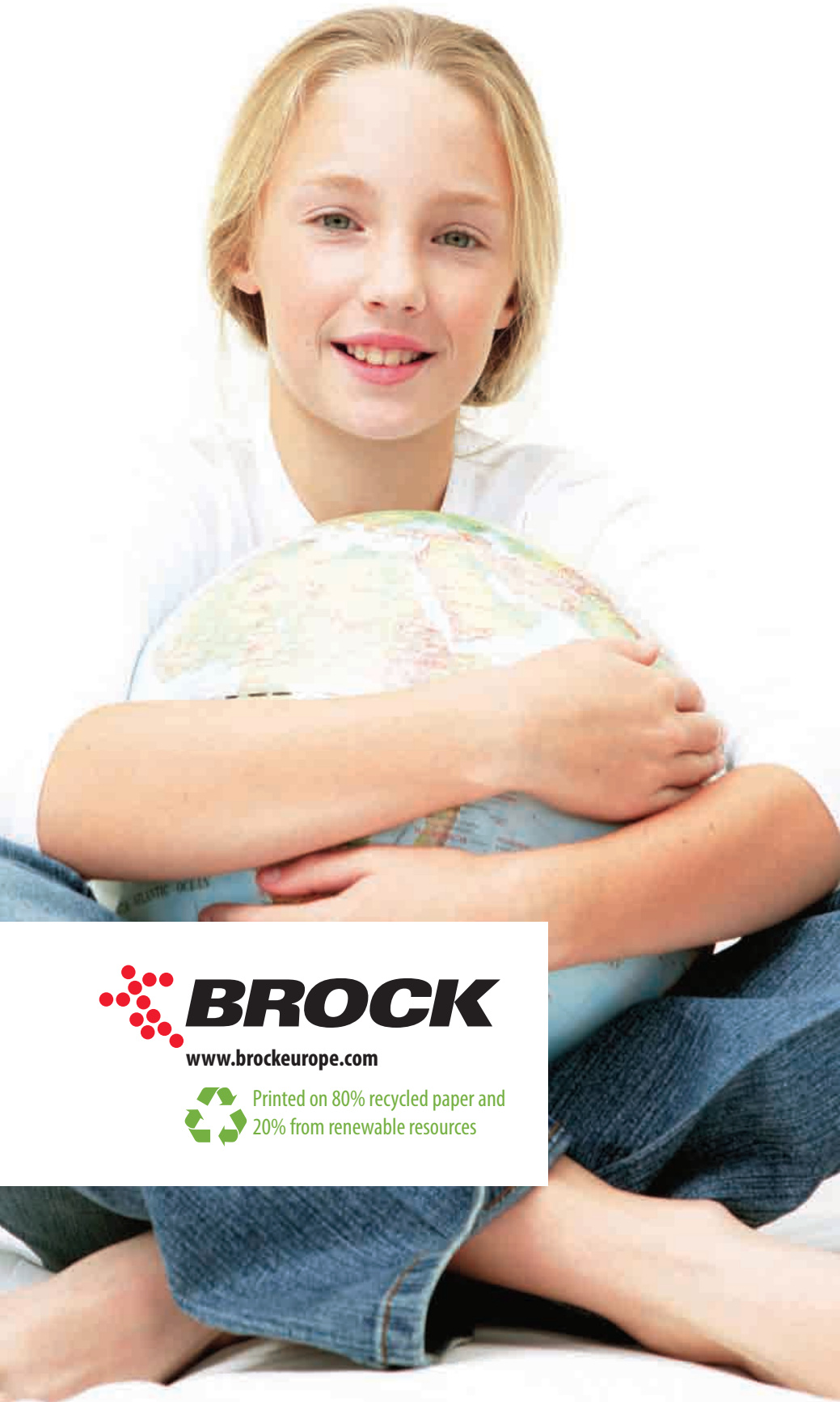


## Quality that every playground needs

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

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

# The eco-effective design concept



## The Eco-effective design concept

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 following its initial use, not a liability.

PlayBase™ 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 be ready to begin 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 in situ 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. PlayBase™ 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 this concept

- 100% closed-loop recyclable
- 100% non toxic
- 100% lead free
- 100% pure polypropylene
- Certified to the DIN and Swiss ESSM environmental standards
- No landfill costs or environmental consequences
- Allows for simplified base construction with less damage to the natural environment
- Less transportation and CO2 emissions than traditional base designs



[www.brockeurope.com](http://www.brockeurope.com)

 Printed on 80% recycled paper and 20% from renewable resources