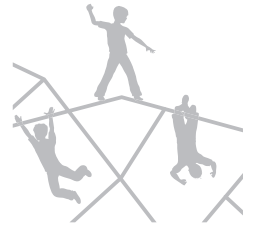



**Play Hard. Land Soft.**



Playground Safety by



**BROCK**<sup>®</sup>  
IMPROVING THE FIELD OF PLAY



**Before they  
become athletes,  
they are kids.**

At Brock USA, we are dedicated to protecting them every step of the way.

## The Playground System

Comprised of high-quality artificial turf, sand and BrockFILL infill, and a Brock Shock Pad (ShockPad Series 20, PowerBase/YSR, PLAY50 or PLAY80), these complete systems can outlast poured-in-place surfaces by 2-3 times, ensuring long-lasting durability and safety.



## Quality that every playground deserves.

Outdoor play is essential for a child's development, fostering strength, coordination, self-confidence, and, most importantly, FUN! As playground equipment has advanced, so have the surfaces on which they depend.

Brock's shock pads for playground applications are meticulously designed to optimize safety, drainage, turf stability, precision, and ease of installation. Most importantly, the system offers unparalleled impact safety that endures over time.

Brock's playground shock pad systems are the only complete base solutions specifically designed and engineered for artificial turf playgrounds and the children who play on them.

All parents want their kids to be safe. And so do we. Which is why Brock created a shock absorbing layer for the crazy things kids do.

### Head Impact Test

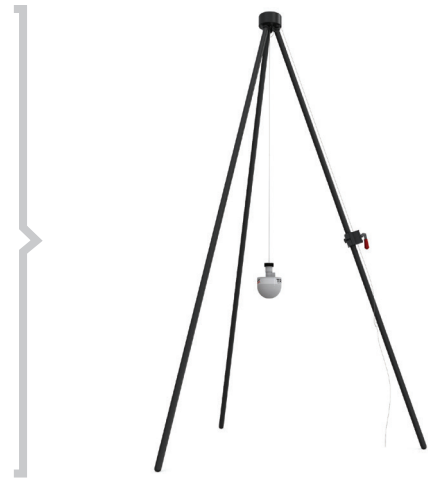
### The Testing Device



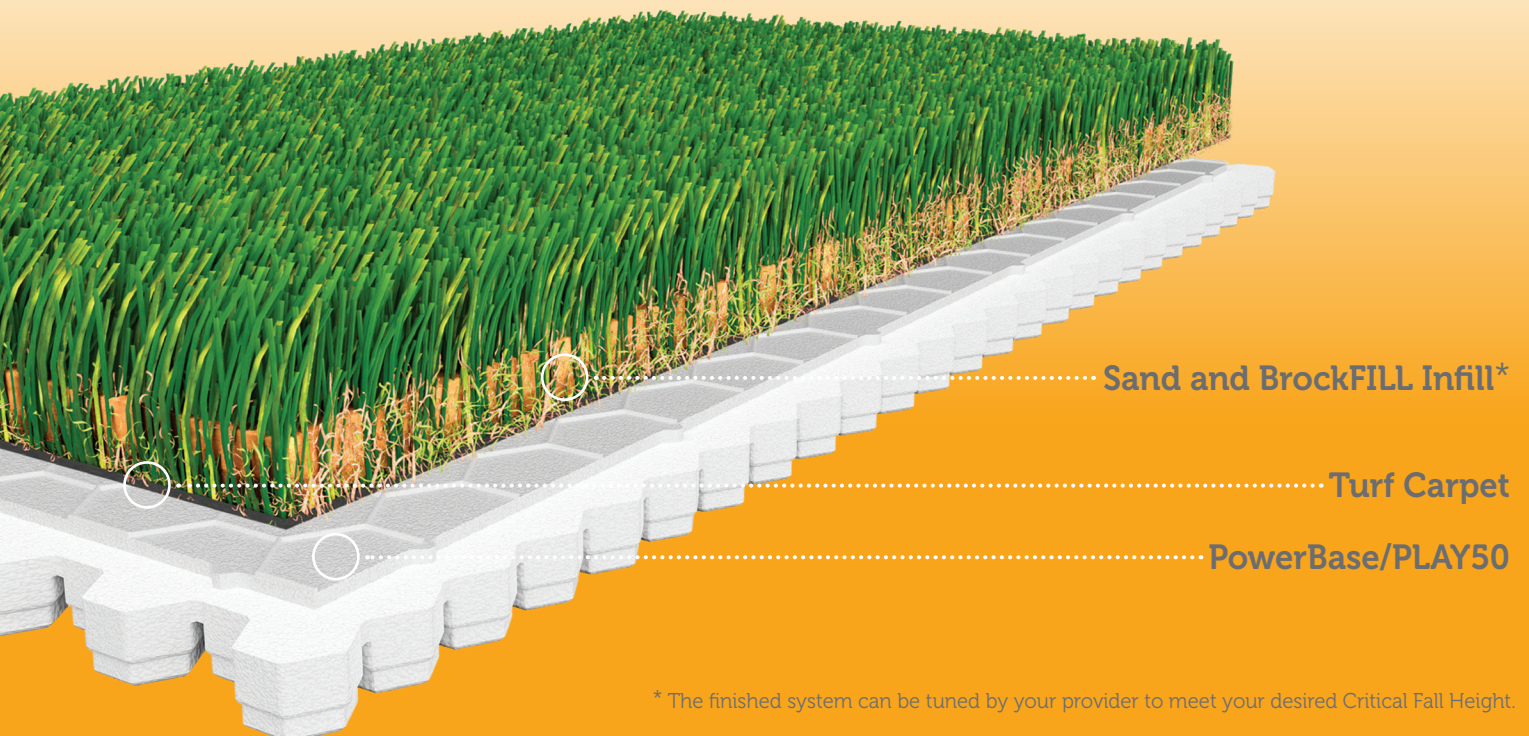
## Head Injury Criterion (HIC)

Head Injury Criterion (HIC) is an internationally recognized metric for estimating the risk and severity of head injuries. HIC is used for playgrounds, automotive safety, wall padding, pole vault pads, and the World Rugby standard for artificial turf sports fields. To test playground surfaces, a hemispherical head form is dropped from increasing heights, and the measured HIC scores are used to determine Critical Fall Height (CFH). The higher the CFH, the more protective the surface is against head injuries.

Brock offers shock pads that cover the majority of playground fall height requirements.



The Brock Playground System is comprised of quality artificial turf, infill and a shock pad. Brock shock pads are easy to install and can be reused when the turf is replaced, ensuring long-term value.



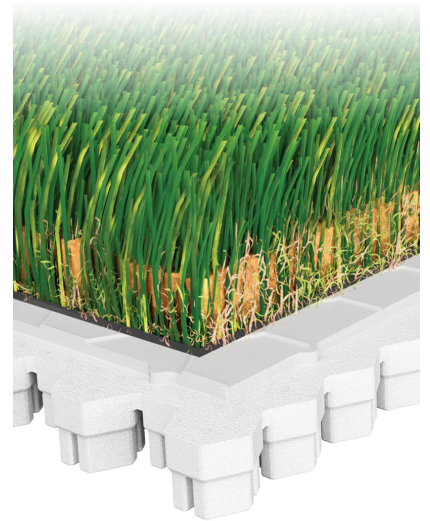
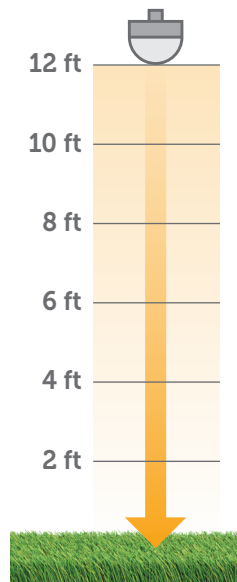
\* The finished system can be tuned by your provider to meet your desired Critical Fall Height.

# Playground System Shock Pads

## POWERBASE/PLAY80<sup>®</sup> BY BROCK

### For up to 12-foot critical fall heights, plus lateral drainage.

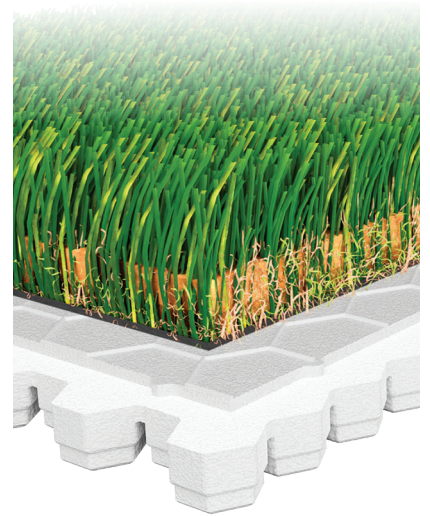
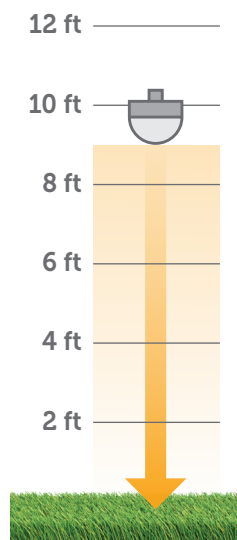
- The first single-layer shock pad that will provide 10'-12' critical fall heights when used with common artificial turf systems in playgrounds.
- The pad is 80 mm thick and enhances some of the proven design features from our 2" PowerBase/PLAY50 pad.
- Made from molded expanded polypropylene like other Brock pads, PowerBase/PLAY80 includes high-volume drainage benefits and unprecedented impact absorption.



## POWERBASE/PLAY50<sup>®</sup> BY BROCK

### For up to 9-foot critical fall heights, plus lateral drainage.

- PLAY50 shock pads provide important factors for playgrounds, including consistency, long-term safety, and ease of installation.
- Like all our Brock pads, these 50 mm thick pads are made from food-grade polypropylene, under a controlled chain of custody, so every panel is the same.
- Precision engineering ensures that these pads integrate seamlessly with various turf systems, making PowerBase/PLAY50 an ideal solution for playgrounds that prioritize safety, durability, and drainage.



**Note:** Fall heights are determined by the specific system being used, including the type of base under the pad, shock pad, turf and infill. Individual systems should be tested to determine exact fall heights for each system to be installed.

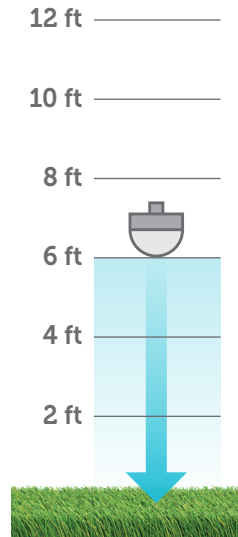


## POWERBASE/YSR<sup>®</sup>

BY BROCK

### For up to 6-foot critical fall heights, plus lateral drainage.

- The 25 mm thick pads provide outstanding turf stability, ensuring a consistent and reliable play surface.
- The innovative design of PowerBase/YSR offers excellent drainage, preventing water accumulation and keeping playground surfaces dry and safe.
- PowerBase/YSR pads are durable and resilient, maintaining their protective qualities over time. This makes them an ideal choice for creating safe, fun, and enduring playgrounds that children can enjoy with confidence.

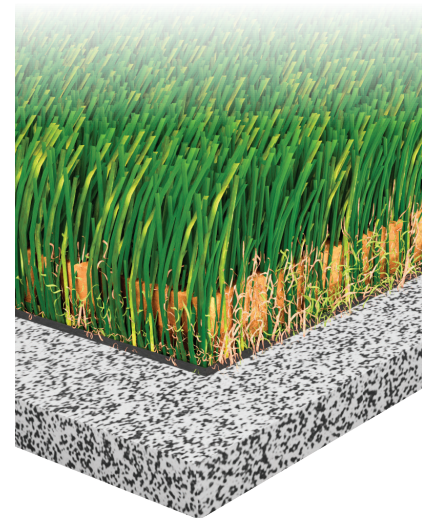
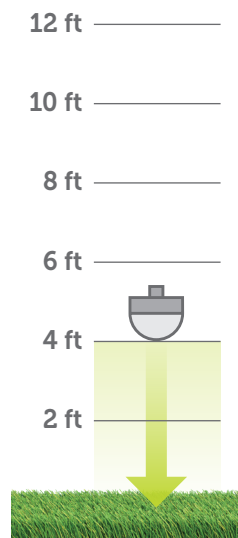


## SHOCKPAD/SERIES<sup>®</sup>

BY BROCK

### For up to 4-foot critical fall heights, plus vertical drainage.

- The 20 mm thick SP Series shock pad provides an optimal balance of safety and impact performance, closely replicating the feel of quality natural turf.
- A patented material that uses polypropylene foam with a micro-coating binder to produce an openpore structure for fast drainage and a unique impact profile ideal for artificial turf.
- Engineered as a cost-effective alternative to our PowerBase products, SP Series maintains high standards of durability and longevity, offering a reliable and budget-friendly option for creating secure and enjoyable playground environments for children.



**Note:** Fall heights are determined by the specific system being used, including the type of base under the pad, shock pad, turf and infill. Individual systems should be tested to determine exact fall heights for each system to be installed.

# BROCKFILL®

THE ENGINEERED INFILL FOR ATHLETES

BrockFILL is an infill option for playgrounds, offering a significant advantage in reducing surface heat. Made of sustainable wood particles, BrockFILL naturally keeps playground surfaces cooler, ensuring a more comfortable and safer playground environment for children. BrockFILL is a natural and organic infill with no coatings or additives, and it solves the problems related to microplastic infills. By choosing BrockFILL, playgrounds can provide a more natural, cooler, and safer play experience, aligning with Brock's commitment to creating high-performance, environmentally-friendly solutions.

