



OUTDOOR DASHER SYSTEMS

Outdoor Dasher Systems are unique. They must be built to resemble and perform like their indoor cousins, but will have to endure conditions that are far more difficult and extreme.



Because of the challenges facing construction of Outdoor Dasher Systems, they were typically built from wood, and required extensive maintenance to keep them in operational condition. Maintenance requirements would often overwhelm the local communities operating a rink, and the Dashers would deteriorate into an embarrassing and unsafe condition.

Direct exposure to sunlight, extreme variations in temperature, multiple uses, and limited supervision and maintenance place a heavy demand on the Dashers that only specialized design and construction can overcome. At *Maple Leaf Gold* we have spent years developing and refining our Outdoor Dasher System to withstand the abuse of the elements and players.

Many of the special construction features in the *Maple Leaf Gold* Outdoor Dasher System are unique to our design. These features, which include specialized frame fabrication as well as customized sizing and fastening methods, literally allow the material to move on the frames. This controlled movement limits the amount and direction of expansion and contraction to reduce gapping between the sheets, reduce potential breakage, and minimize maintenance requirements.



We use "Duraboard" for the playing surface material, top sill, and kick strip. This material, which looks like conventional puck board, has been specially formulated for UV resistance and durability under extreme weather conditions. When factory applied to our shop fabricated galvanized steel frames, the highly attractive product is ready for quick installation by our experienced Installation Team, or local volunteers.

Options such as chain link, acrylic, or tempered glass puck containment, box shelters, lockable gates, portability, and various anchoring methods make this highly durable system an attractive addition that can be utilized for many different functions within the community.



We urge you to review quality and features that our System has to offer. Unique benefits that are vital to providing a durable and quality Outdoor Dasher System that out performs and outlasts the competition.

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## Q: Why Choose *Maple Leaf Gold* For Your Outdoor Dasher Board Needs?

**A: Because *Maple Leaf Gold* has addressed the issues that complicate the construction of dasher boards in an outdoor application.**

With the introduction of Duraboard to our specially designed dasher frames you end up with a product that can withstand the rigors of outdoor use and climate changes.

Duraboard is specially formulated for outdoor use. Standard arena board, which has been used in place of plywood, was not specifically designed for outdoor use. Duraboard was originally formulated for use in oil field applications, where it is placed under tremendous impacts and weights, and is exposed to extreme temperature variations. The excellent product performance and availability in sheet form has made it possible for *Maple Leaf Gold* to offer this material in use for use with our outdoor dasher systems. A few of the benefits of using Duraboard versus standard arena board are listed below:

- 10 times higher environmental stress cracking resistance.
- 43% better low temperature brittleness point (-100 degrees Celsius).
- Excellent Impactability at 150 ft-lb/in sq.
- High rigidity makes it extremely durable for outdoor use.
- Class A flame spread rating.
- Ultra Violet treated for resistance to harmful U.V. rays

The use of Duraboard, when specially fastened directly to our metal frames, eliminates painting and all wood from the system, greatly reducing maintenance requirements. Parks staff can easily replace Duraboard that may be damaged by vandalism. Our dasher frames have been specially designed to incorporate a unique method of fastening and material application to accommodate the expansion and contraction caused by climate changes. The frames are hot dip galvanized after fabrication, offering complete protection and eliminating moisture from penetrating the metal surface, eliminating all rust points that cause fatigue. This finish is attractive, rust and vandal resistant, and will not chip or peel, providing a long-term bonded finish that increases the life of the dasher frames.

Our system is designed to flex, reducing potential injuries to players. And although it is permanently fastened to the concrete pilings, it could be dismantled and removed for storage, or reassembled in another location. The frames are extremely durable, however in the very unlikely event of damage, individual 8' sections can be easily replaced.

For additional information, specifications, or pricing, we invite you to call us.

*Maple Leaf Gold Inc. ,*

**THE ARENA DASHER BOARD SPECIALISTS**

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