



PermaEdge Bunker System - A Better Way

Brought to you by the manufacturers of Sandtrapper Bunker Liners, IVI-GOLF introduces the PermaEdge Bunker System. Developed around re-purposed synthetic turf, the PermaEdge Bunker System enables course professionals to re-imagine bunker design and establish long-term integrity for bunker edges and faces.

By avoiding the pitfalls of maintenance and frequent rebuilding of traditional natural turf revetment, the PermaEdge Bunker System is a patented construction method that gives facilities new bunker style possibilities. These possibilities capture the striking aesthetic of natural, stacked turf bunker construction while relying upon synthetic assembly materials and re-engineered techniques for an anticipated longevity of 20+ years.

The Invention Explained

In short, the PermaEdge Bunker System is a combination of materials and methods for constructing a stacked turf retaining wall. Historically, natural, stacked sod has been used as a construction technique, commonly referred to as a “links” style bunker. The PermaEdge Bunker System relies on the same notion of stacking turf, but does it with synthetic turf re-manufactured to specific dimensions, quality, infill, and fiber lengths.

In addition to the synthetic turf spec, defined methods and materials are used to build the wall to insure stability and durability while delivering unmatched realism and aesthetics. When assembling the PermaEdge wall, the edge of the turf is exposed. This gives bunkers an extremely natural look while the synthetic materials prevent decomposition.

Sustainability and Durability

The premise of the PermaEdge Bunker System is based on long-term, structural integrity. When constructing and building with this system, important guidelines and methods need to be followed to insure proper strength and stability. It's an additional benefit that we can deliver this durability in an aesthetic result. At the same time, it is a sustainable solution, using re-purposed synthetic turf.

Prior to this invention, facilities would often remove natural revetted bunkering and grass in the bunker faces. The PermaEdge Bunker System is adaptable to many different bunker styles and delivers a “Build it Right, Built it Once” solution.

Expanded Design Possibilities

The great advantage to the PermaEdge Bunker System is that a facility can now rethink how it can use revetted bunkers. And it's not just about deep “pot bunkers” or tall bunker faces. Facilities can use this solution to restyle many different bunkers to capture the essence of the traditional aesthetic with small, slight reveals.

With this new, long-term method, it is now possible to incorporate design ideas previously avoided due to maintenance and replacement concerns. It also gives golf course professionals the ability to address maintenance and renovation objectives by putting their capital improvement plan to work over a significantly longer life.

Proven Method

This patented solution has been proven on nearly 60 golf courses, in 8 countries over the last five years. It has been implemented on large, high-end courses and on smaller, community facilities across the US. The PermaEdge Bunker System allows facilities to redefine their bunker edges, obtain significantly longer life, and enjoy new and traditional design styles that harken back to the origins of the game.