



# INSTALLATION TECHNIQUES & GUIDELINES

## Installation Around Edges & Drainage - Part 1

### GENERAL CONCEPTS

There are a range of options when addressing edges and drainage areas. Much will depend on the shape/design of the bunker and the soil conditions present. It will also depend on the preferences of the course/superintendent as to how they would implement bunker liner technology.

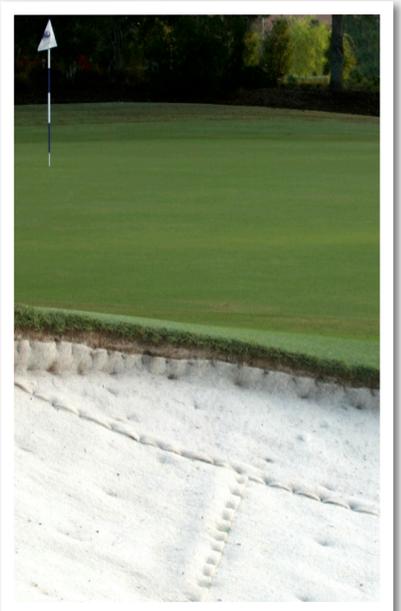
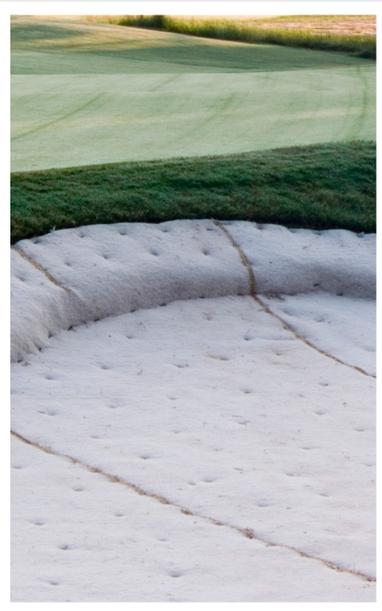
### EDGES

It is important to address edges securely. If staples are spaced more narrowly, you will insure a better, more secure install. Trimming is always recommended to be performed in a tidy manner.

### DRAINAGE

Most installations will cover the completed, graveled drainage trenches for a complete coverage of the bunker with the liner. This eliminates any concern over contamination.

Some courses/superintendents will prefer to have access to drainage lines. NOTE: An uncovered drainage line will allow drainage gravel to migrate upwards over time and contaminate the bunker sand with gravel.





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## Installation Around Edges & Drainage - Part 2

Proper installation insures the maximum performance from your Sandtrapper Bunker Liner. Each of the product styles can be used to line the bunker or be used in combination for a specific bunker area.



Sandtrapper II is used for steep sloped bunker conditions where maximum performance is desired.

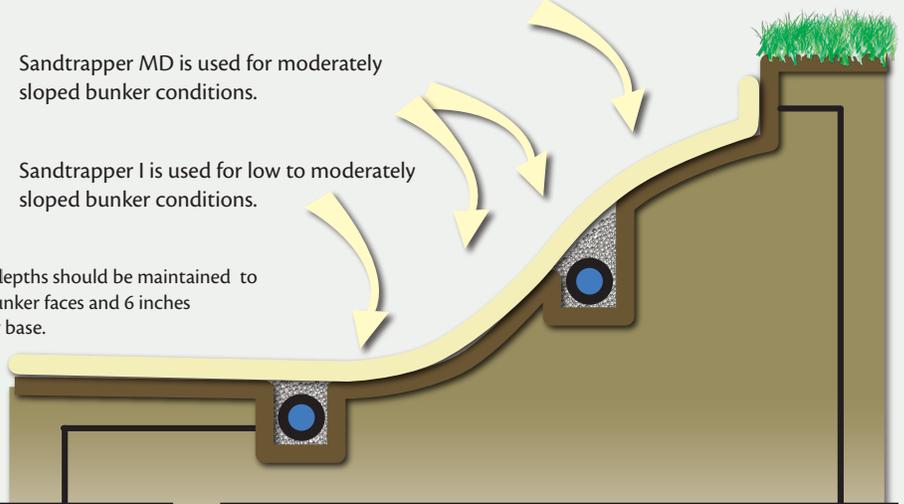


Sandtrapper MD is used for moderately sloped bunker conditions.



Sandtrapper I is used for low to moderately sloped bunker conditions.

NOTE: Sand depths should be maintained to 4 inches on bunker faces and 6 inches on the bunker base.

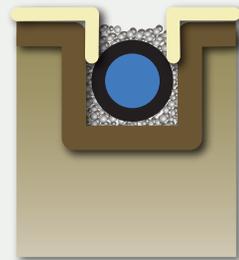


### DRAINAGE

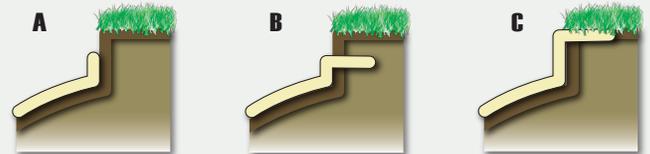
### EDGE DETAIL



Sandtrapper II, MD and I are all able to be placed over drainage lines. By doing so, maximum performance against drainage gravel contamination is achieved.



Should access be required to the drainage system, Sandtrapper can be tucked down and into the drainage trench.



A variety of methods exist to install Sandtrapper at the bunker edges. Each has its own advantage, given soil types and grass varieties.

OPTION A - Sandtrapper is brought to and up the bunker edge, being secured into the edge with sod staples.

OPTION B - Sandtrapper is brought to and up the bunker edge, then tucked into the soil below the root zone of the grass above.

OPTION C - Sandtrapper is brought up and over the bunker edge. Grass is placed on top with root structure growing into the liner.

OPTION D - Shown in red, Super Mighty Edge is an innovative way to secure the bunker edge. Super Mighty Edge is applied under the liner and secured into the edge with sod staples for long-term bunker protection.



In 2011, IVI-GOLF introduced Sandtrapper SL, a "soft loft" technology used by some as an alternative to the traditional Sandtrapper options.

