



INSTALLATION TECHNIQUES & GUIDELINES

Product Alignment & Arrangement - Part 1

GENERAL CONCEPTS

There are a few basic theories concerning how best to arrange Sandtrapper in a bunker. For most, the objective is to minimize seams and to use as many continuous segments as possible. For others, the focus is on minimizing product waste. There are a number of trade-offs to consider when organizing for product placement.

MINIMIZING PRODUCT SEAMS

For those looking to have the fewest seams possible, the 90" roll width helps to achieve this objective. The wider roll widths speed installation (reduced cutting and stapling time/cost) but will lead to an increase in product waste. Waste can be best described as remnant segments that cannot fit (or be used) in the smaller corners/parts of the bunker.

Further minimizing of seams can be addressed by orienting the roll/segment (either 56" or 90" width rolls) down the longest length of the bunker (normally placed in the middle) and work the next segments alongside and outwards to cover the bunker.

MINIMIZING WASTE

For those looking to reduce material waste, this can be achieved by using the 56" roll width and by incorporating smaller segments where they will fit. Since Sandtrapper is a non-woven material, there is no orientation that you need to match from one segment to another.

Smaller segments will produce more seams, creating the need to use more sod staples along those seams. It's recommended that if small segments are to be used, that the segments are no smaller than 10 square feet or that the segments are not less than 2 feet in width. This allows for better securing with sod staples.

PARALLEL VS. PERPENDICULAR TO SLOPE ANGLE

Sandtrapper can be installed in either case with no effect on performance. The images below illustrate two different installations where each method was used. Given the wide range of bunker styles and shapes, it's possible to have both parallel and perpendicular alignment in the same bunker.

NOTE: The blue arrows reflect bunker slopes and the green arrows show product orientation.





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Product Alignment & Arrangement - Part 2

ADDRESSING SEAMS

We recommend that seams between Sandtrapper segments be overlapped 2"-3" so that the securing sod staple will be driven through both segments. Increasing the overlap is acceptable and does not change performance.

With regards to overlap, some prefer to place Sandtrapper much the way one would shingle a roof, with the bottom segment at the base and working upwards. Each successive segment would then be placed and overlapped on top of the previous/lower segment.

Some prefer to consider the angle to the hole or angle of play. In this case, the concern is to avoid the leading edge of the upper Sandtrapper layer being exposed to the club face. If the seams are perpendicular to the angle of play, the idea is to have the overlap point towards the hole or angle of play.

Although the recommended sand depth of 4" to 6" adequately covers any seams, the question has been raised. Some choose to avoid overlap completely by butting seams together and applying construction adhesive to the seam. NOTE: Construction adhesive works well in these cases but does increase installation costs.

DRAINAGE LINES & SEAMS

In order to better secure Sandtrapper, it is recommended that placing seams directly over drainage lines be avoided. This applies specifically to cases where Sandtrapper is aligned parallel to the main drain line. It's recommended that you position Sandtrapper over the drain line so that there is adequate area to secure the liner onto either side of the drainage trench. If the seam runs parallel and down the line, directly over the line, you will not be able to effectively secure the seams into drainage system gravel.

NOTE: The blue arrows reflect the drain line direction and the green arrows show product orientation. This prevents seams being placed in areas difficult to secure with staples.

