Guide for Assessing Surf Splash Needs at Beachfront Properties

1) **Number of units.** You should have at least one Surf Splash unit for every beach access point. Let's say a property has 100 rooms but has three beach access points. Three Surf Splash units are needed to catch all of the guests coming in. If only one Surf Splash was installed, two thirds of the guests would still be tracking sand into the property. It is also recommended that you have one Surf Splash unit per every 100 or so rooms. For example, if you have one beach access and 500 rooms you need 4-5 units (if occupancy is consistently high). Surf Splash is extremely effective at reducing sand tracked into beach properties. But it is important to cover all the access points ***AND*** insure that the unit(s) is (are) not overloaded with traffic. If you have one Surf Splash unit for 500 rooms, a long line will form and people might bypass it. Of course, you don't want to inconvenience guests with lines anyway.
2) **Location.** Surf Splash is so effective at removing sand that you will see a lot of sand accumulate around and under the unit. The whole idea is that sand is much easier to deal with here than in your pools, carpets, elevators, etc. Below is a photo of a Surf Splash unit on the boardwalk at Beach Colony Resort in Myrtle Beach.

The unit is placed to one side of the boardwalk and a 12" square hole was cut beneath it. Most of the sand falls directly to the dune. Once every day or two, a maintenance person uses a hose to wash any accumulated sand into the hole and onto the dune. Then, every week or so, someone shovels sand from under the unit over to right of the boardwalk. The "dump truck

load" mound of sand shown in the photo was formed by this process in one summer! If you have a raised area like a boardwalk or walkway coming to your pool deck, this is usually the best location. Simply cut a hole (or holes) under the unit to let sand fall underneath or, better yet, install the unit over fiberglass grating. If you have to place the unit on a concrete or solid wood surface, you will need to monitor the sand accumulation for a while to know how often to clean around and under the unit. If too much sand builds up under the unit it will not work properly. Some resorts have elevated their units with 2 x 4's or carriage bolt "stilts" to allow more time for sand to accumulate under the units. With the extra height they might only have to clean out from underneath the unit once a day instead of twice.

3) **Water supply.** *A Surf Splash unit needs 4 gpm @ 45-60 psi to operate optimally.* If used continuously, a Surf Splash unit will use 4 gallons of water per minute. In reality, an average guest can be completely cleaned of sand in 10-15 seconds using approximately one gallon of water compared to 2-3 gallons for a shower head or 4 gallons for a garden hose to do the same job. Although it is unlikely that a Surf Splash unit will be in use continuously (perhaps when there is a line of guests), you have to plan that way. Therefore, if you want to run two Surf Splash units at a particular location off of one water line, that line must be able to ***continuously provide 8 gallons of water per minute @ 45-60 psi.*** If the same line is used to fill the pool, your Surf Splash units may perform poorly or not at all when you are filling the pool.
4) **Custom panels.** We can place your custom logo in UV resistant vinyl on the outside panels of each unit starting at $100 per unit (two panels) for single color graphics. If you have a multi-color logo, please email it to sales@surfsplash.com for a quote.