

# Swallows and BirdSlide®

Patent # 7,712,263

## Before installing BirdSlide® for swallows you need to understand swallows behavior

Swallows are birds who build mud nest under the eaves of structures, on the sides of rafter tails, backside of fascias, backside of barge boards, corbels, and shiplap. First season swallows build under the eave on the structure. The more persistent swallows, which have been nesting in one location for multiple seasons, will build on the rafter tails, backside of fascias, backside of barge boards, corbels, and shiplap if under the eave has been blocked from them nesting there. The number of birds will increase, the more seasons they have nested on a structure.

Why swallows build underneath the eaves is because the shadow line underneath a standard eave on a typical 90-degree day where the sun is out the temperature can range from 60-70 degrees, where down the wall a couple feet in the direct sunlight the wall is going to be 100-130 degrees. Swallows need to build their nest in the above the shadow line in order for their eggs to stay at the correct temperature. The shadow line is the area where the sun will not hit the wall underneath the eave. The shadow line will vary depending on how large the eaves are.

## Before installing BirdSlide® consider the following

1. How many seasons have the birds nested in this location/what is the level of infestation?

-Depending on how long the swallows have been there will determine if you need to also purchase sheet goods to cover the rafter tails, fascias, barge boards, shiplap, or corbels.

-The longer they have been the more persistent they will try to work around BirdSlide®.

2. Possible reasons the birds have infested structure.

-When inspecting the structure, the surrounding areas must also be observed.

-What attractants are nearby water source with mud, food source or even other nearby swallow communities.

3. Type or design of eaves on building.

-Different designed eaves require different installs, wood, stucco, metal and even concrete.

-Large eave spans, rafter tails, shiplap, barge boards, or corbels may require modifications to BirdSlide® install

#### 4. How much BirdSlide® Product will I need?

-The larger the overhang of the eave the more BirdSlide® will be needed. If you use a 3 to 1 ratio converting your feet to inches you can figure out how much BirdSlide® you need.

For Example:

-You have an 18 inch eave. 18 inches divided by 3 equals 6 inches. The 18 inch eave will need a standard piece of BirdSlide® that covers 6 inches down the wall. Plus or minus 20%

-If the swallows have been going there for multiple seasons they may even build nest on the rafter tails, corbels, shiplap, barge boards and fascias once BirdSlide® is installed under the eave. A way to cover the rafter tails, corbels, shiplap, barge boards and fascias is to use BirdSlide® sheet goods.

### Installing BirdSlide®

-Caution mud swallows are very persistent and can defeat systems if not installed properly

-When installing BirdSlide® you have to keep in mind that it's going to stay on the structure forever without proper install of BirdSlide® to a structure it will not stay on the structure forever (adhesive alone will not keep BirdSlide® up for multiple years)

-Be sure to properly prep the surface by pressure washing the area, making sure there is no dirt, dust or anything else that can prevent the product from effectively being mounted to the area.(see BirdSlide® Install Guide for more detailed prepping instructions)

-Taking the BirdSlide® and covering the corner underneath the eave you knock out the angle so the swallows cannot nest there any longer

-Prim and paint it same color so it camouflages as part of the house.

-BirdSlide® is cut able so you can cut around any objects that are in the way. (i.e. Rafters, corbels, window seals, etc.)

-Seam connectors are available to keep the multiple pieces of BirdSlide® connected.

## How to hold BirdSlide® up

-Before you apply adhesive to the bottom of the BirdSlide we recommend you drill holes into the bottom of the BirdSlide®. (One on each side 3 inches from the end and a couple in the middle depending on what size of BirdSlide® you are working with)

-Apply adhesive to the base of the BirdSlide® where you drilled the holes. Be sure to apply more around the holes that you drilled into the BirdSlide®. (Drilling the holes into the bottom of the BirdSlide® helps the adhesive go up into the hole and give you a better mechanical bond.)

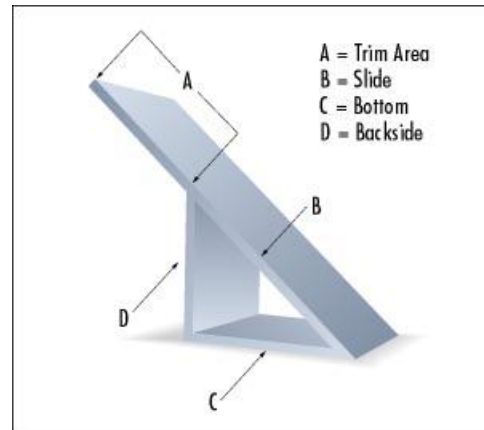
-Also apply adhesive to the edges of the BirdSlide®.

-When mounting the BirdSlide® you need to screw thru the bottom of the BirdSlide® at an angle.

-Also screw the face of the BirdSlide®. If you apply just the right amount of pressure it will not go thru the BirdSlide® it will indent it just enough where you will be able to caulk over the top and paint it the same color you paint the BirdSlide.

-Glue in the end cap.

-Make sure that the BirdSlide® is caulked air tight. This is very important because if it's not the weather, and the environmental conditions will weaken the adhesive and it will not stay up as long as it should.



Ultimate Bird Control/BirdSlide® cannot be held accountable for the results of the effectiveness of BirdSlide for swallows. Ultimate Bird Control/BirdSlide® warranties the actual product not the installation of the product by contractor, installer, homeowner, or the person installing the product.