



Stainless-steel • Can't be eaten • Can't be beaten

**Valuable Tips on Mounting
RodeXit™ Rodent Proofing Strips
on
Doors**

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1 The RodeXit mounting guides and the valuable tips

In the RodeXit mounting guides you will find guidance on how to mount RodeXit rodent proofing strips on specific door types. Presently there is only one mounting guide: the guide on how to mount on manual swing doors with single-directional hinges. Further guides will be published along the road. You can download the guides from our website www.rodexit.com.

These Valuable Tips are about mounting issues, which are of a more general nature and may equally relevant to several door types. The target readers are pest management professionals.

2 Door terms

When reading these Valuable Tips, you will encounter some technical door terms, which may or may not be familiar to you. The terms are explained in our mini dictionary “Basic Door Terms”. You can download the mini dictionary from our website www.rodexit.com.

3 Use your own sound judgment and upgrade your knowledge

There are thousands of different doors and they may be in different stages of disrepair. Therefore, we cannot give advice on how to solve all the problems a pest management professional may encounter when mounting RodeXit rodent proofing strips on doors. Already because of this you should always use your own sound judgment based on your professional knowledge and experience when deciding how to handle the mounting of a RodeXit rodent proofing strip.

The quality of your rodent proofing depends 50 % on the proofing product and 50 % on the quality of your work. It is in other words very important that you are good at your job and know as much as possible about the dos and don'ts of your profession – including the dos and don'ts relating to rodent proofing with the RodeXit products. We hope that you will make an enthusiastic effort to upgrade your professional knowledge and learn a lot about our products. Please let us know if there are any ways, in which we can do a better job at communicating about how to handle our products. You can mail your comments and suggestions to bvr@absalon.pro.

4 If you face a mounting problem which you cannot solve

Please let us know if you face a mounting problem, which you cannot solve. We will do our best to help you finding a good solution. You may mail your problem to bvr@absalon.pro.

We are by the way also very interested in hearing about smart solutions you may have found to special problems. We will use information about such solutions to improve these Valuable Tips and/or the mounting guides.

5 Tools, drill bits and screws

5.1 The basic assortment of tools, drill bits and screws

You will be well prepared if you have the following tools, drill bits and screws:

- A. A digital tape measure.
- B. A straight cut aviation snip for clipping the RodeXit rodent proofing strip.
- C. A set of RodeXit mounting blocks.
- D. A cordless bandsaw for shortening RodeXit shielding strips.
- E. A homemade fixating board for holding a RodeXit shielding strip in place when it is to be shortened.
- F. A cordless drywall screwdriver.
- G. Plenty suitable screws.
- H. Suitable screwdriver bits e.g. Philips # 2 bits.
- I. A big wooden or plastic wedge for blocking door leaves, which cannot be locked.
- J. A powerful cordless drilling machine for drilling alternative holes in RodeXit shielding strips if necessary.
- K. Cobalt steel drill bits for drilling alternative holes in RodeXit shielding strips if necessary.
- L. Cobalt steel drill bits for drilling holes in door leaves.

Cordless tools are in general to be preferred, A) because you save time, when you do not have to look for a plug outlet and to arrange a power cord, and B) because they are handier.

5.2 The cordless bandsaw

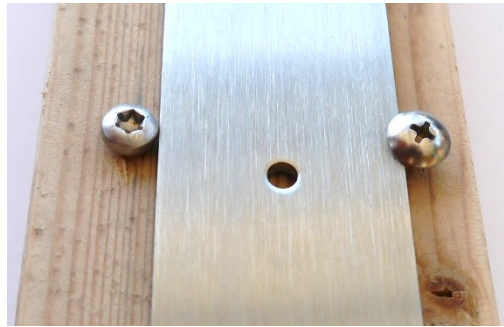
RodeXit shielding strips can be shortened by means of other cordless tools than a cordless bandsaw e.g. by means of a hacksaw, but that is a very slow and strenuous solution. You can also choose to use an angle grinder. However, when you shorten the shielding strip with a cordless band saw, you get a much nicer cut without burns and burrs. We have tested a DEWALT DCS371NT cordless bandsaw. It cut through the RodeXit shielding strip in less than 20 seconds and did a good job.

5.3 The fixating board

It is easy to make a tool for holding RodeXit shielding strips in place when they are to be shortened. You can make a well-functioning tool from a board measuring around 1½x3x16 inches, 2 pan head screws and 2 truss head screws. It can look like this:



The lower screws are the pan head screws and the upper screws are the truss head screws. The heads of the pan head screws are around 1/32 inch (1 mm) above the board and the heads of the truss head screws are a little more than 1/8 inch (4 mm) above the board. The RodeXit shielding strip is placed on the fixating board by sliding it under the heads of the truss head screws:



When the shielding strip is fixated in that way you can by means of a knee easily hold the shielding strip in place, while you use both hands for cutting the shielding strip.

5.4 The cordless drywall screwdriver

When mounting a drywall panel, you run the risk, that the screws will go too deep into the panel and damage the surface or pass right through the panel. That risk is most effectively eliminated by using a drywall screwdriver.

When mounting a RodeXit rodent proofing strip with screws only and without a RodeXit shielding strip, you run a similar risk. Therefore, we recommend, that you use a cordless drywall screwdriver. You can also use it when mounting with a shielding strip. Using a drywall screwdriver has the bonus effect, that when correctly adjusted it makes it easier and faster to screw the screws correctly. The labour saved in this way will even in the short run more than compensate for the higher price for a drywall screwdriver compared to a similar ordinary cordless screwdriver. We have tested a DEWALT DCF620 cordless drywall screwdriver and our conclusion is that it is very fit for the purpose.



5.5 Suitable screws

Because a narrow selection of screws to choose from is labour saving and reduces the risk of making mistakes, we recommend that you limit your selection of screws to as few as possible.

We recommend a

- 1 inch long
- # 10
- pan headed screw
- of hardened 410 stainless-steel
- with Philips No. 2 recess and
- No. 3 drill point

for mounting RodeXit rodent proofing strips (with or without a RodeXit shielding strip) on:

- Wood
- Steel with a thickness from 0.04 inch (0.9 mm) to 0.07 inch (1.7 mm) thick

With the recommended screw you should be able to handle the mounting of RodeXit proofing strips on the vast majority of the doors you under normal circumstances will encounter.

You can get the recommended screws from the web-shop at [albanycountyfasteners.com](https://www.albanycountyfasteners.com/Phillips-Pan-Head-Self-Drilling-TEK-Stainless-10-p/3480000.htm) (<https://www.albanycountyfasteners.com/Phillips-Pan-Head-Self-Drilling-TEK-Stainless-10-p/3480000.htm>).

You can probably get similar screws from other suppliers. You can get cheaper screws with the same specifications except that the screws are made of softer stainless-steel. Due to the softer material, the applicability of such screws is, however, more limited. Therefore, we cannot recommend choosing screws of softer stainless steel than hardened 410 stainless steel.

6 Practical preparations before you start mounting

Make sure that you have all the necessary



- tools
- drill bits
- screws
- rodent proofing strips and
- shielding strips (if necessary)

on your side of the door.

If you need power from a power cord, it may be a good idea to lead the power cord through a window opening, so the cord does not become jammed in the door, when you close it.

Close the door.

Make sure that nobody opens the door, while you work on it – e.g. lock the door or block it with a big wedge. This is especially important, if you work on the opening side and risk being hit by the door leaf.

7 Where to place the outermost screws

There should always be a screw or rivet close to the ends of the proofing strip or the shielding strip. The distance should be $\frac{1}{2}$ -1 inch from the ends, when the rodent proofing strip is mounted without a shielding strip. It should be 1-2 inches from the ends, when the rodent proofing strip is mounted with a shielding strip

Take care not to split the edge of a wooden door when placing screws very close to the edge.

8 What if the underlying surface is very irregular?

The door sill or other surface under the closed door leaf should be regular. Fortunately, that is mostly the case. In the few cases, where it is very irregular, it should ideally be corrected before mounting the RodeXit rodent proofing strip. Unfortunately, that is not always a viable option.



One way of compensating for an irregularity is to press a part of the RodeXit proofing strip a little further down than the rest, before fixating the depressed part to the door leaf.

Another way of compensating for it is to mount the RodeXit proofing strip together with an ordinary brush strip, which is better at filling the cavities in an uneven door sill. You simply mount the RodeXit proofing strip between the door leaf and the brush strip.

9 Remember to use the less obvious advantages in your marketing

9.1 The less obvious advantages of the RodeXit shielding strip

A RodeXit shielding strip of stainless-steel is usually much stronger than the door, on which it is mounted. It can therefore protect the door against collisions, which could have damaged the much more expensive door severely. Therefore, the economic value of the protection afforded to the door will often outweigh the acquisition costs many times. Furthermore, the RodeXit shielding strip can be reused when the door is replaced by a new door. Thus, the acquisition of a RodeXit shielding strip may be considered to be a very profitable long-term investment. Remember as a part of your marketing to point out this less obvious advantage to your customer.

9.2 The less obvious advantages of proofing the entire astragal gap

Proofing all of the astragal gap of a double door (from the bottom to the top), will as a valuable side effect improve the thermal insulation properties of the door. This can save substantial heating and air conditioning costs. We therefore recommend A) that you always proof the entire astragal gap even though it is less likely that rodents will enter through the upper part, and B) that you remember as a part of your marketing to point out the less obvious thermal insulation advantage to your customer.

10 Mounting on the opening / closing side of a hinged swing door?

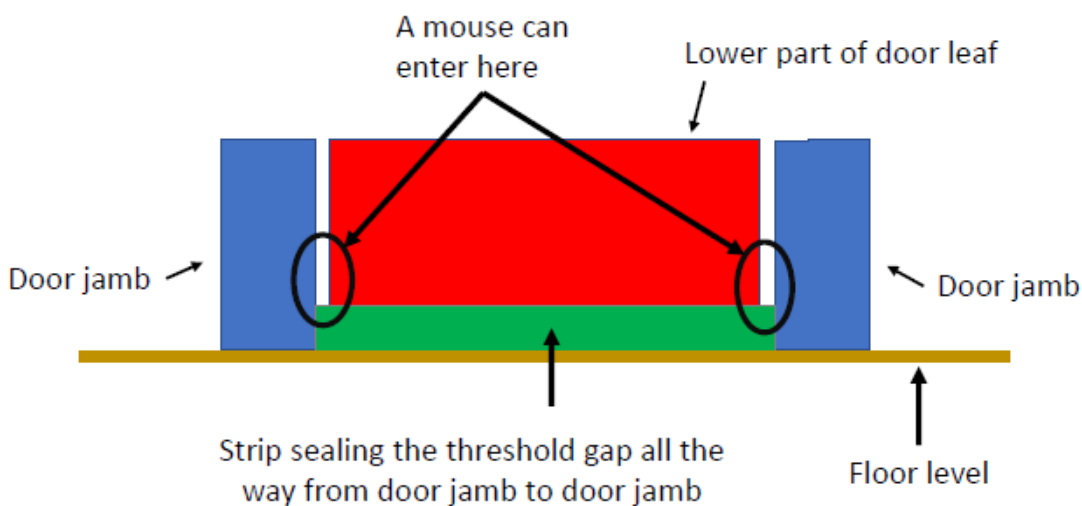
A door leaf on single-directional hinges has

- one side pointing in the direction, in which the door opens (the opening side), and
- another side pointing in the direction, in which the door closes (the closing side).

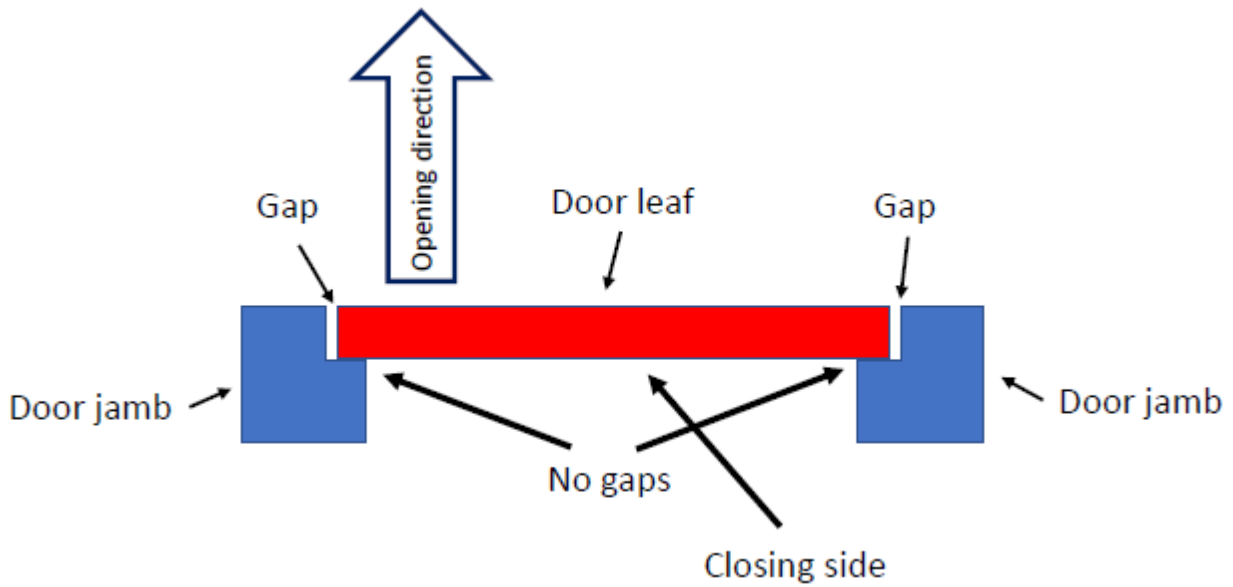
On the opening side of a hinged swing door with single directional hinges there is often a considerable gap between the door leaf and the two door jambs. If these gaps are 1/4 inch (6 mm) or more, a mouse can

- pass through the gap between the door leaf and the door jamb and
- crawl under the side-edge of the door leaf and into the space behind the door.

This is illustrated in the following figure, where the door is seen from the opening side:



On most hinged swing doors with single-directional hinges there are no gaps between the door leaf and the two door jambs (seen from above):



When there are no gaps between the door leaf and the jambs on the closing side, the above intrusion risk can be avoided by mounting the RodeXit proofing strip on the closing side. Therefore, you should as a main rule mount the proofing strip on the closing side.