

SOUND LOCK DOOR SEAL KIT INSTALL GUIDE

PRO TIPS



Accurately measure each door jamb. Do not assume or guesstimate! Doors are often not symmetrical. Measure twice, write it down, and then cut once!



The kit soundproofs the door by **creating positive pressure** around the edges of a solid core door. There should be enough pressure **to hold a sheet of paper**, but not so much that the paper can't be moved.



All cuts should be made with a **carbide tip blade** in your miter saw.



Save time by using **two electric drills** – one to drill the hole and the other to screw in the screws.



Rest the bottom seal on Second Skin's OverKill Pro or another 3/8" thick material while screwing it in. **The ideal bottom seal height** off the floor is 3/8", and never more than 1/2".



The bottom seal will drop and seal directly against a **flat, hard surface** or low pile carpet. Thick carpets require a threshold.

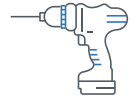


Check the rubber seals with a flashlight after installing. **If you see light, sound can get through too.**

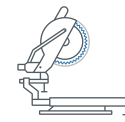
RECOMMENDED TOOLS:



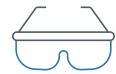
Tape Measure



Electric Drill



Miter Saw



Eye Protection



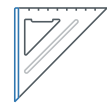
Screwdriver



Scissors



Metal Marker



Square

STEP 1 – PLAN & PREP

Determine if your door is a good candidate for a door seal kit. Here's a quick checklist:

- The door should be a solid core door. Hollow core doors are not dense enough to block sound.
- If a glass window is needed, the window should be double paned and thicker than 1/8". Standard 1/8" glass is not soundproof enough.
- The door should not have any holes in it, like a louver.
- Check around the jambs of the door to ensure you have 1-1/2" of flat space to install the door jamb seals. If there's a partial jamb or other obstruction, you will need to remove it or use plastic spacers to keep the jamb seals perpendicular to the door.

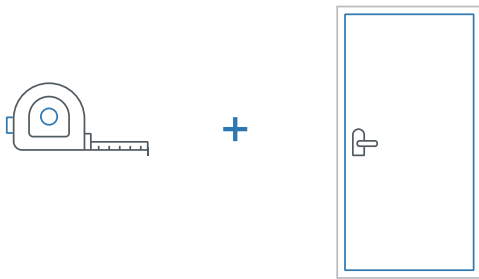
Measure your door. Most doors will require cutting the aluminum channels. The jamb seals can be cut by any amount on either side, but the bottom seal should only be cut on the opposite side from the actuator screw and no more than 2".

Review the Install Guide PDF and video on [SecondSkinAudio.com](https://www.secondskinaudio.com). Ensure you have all the tools you need. Order one Sound Lock Door Seal Kit per door.

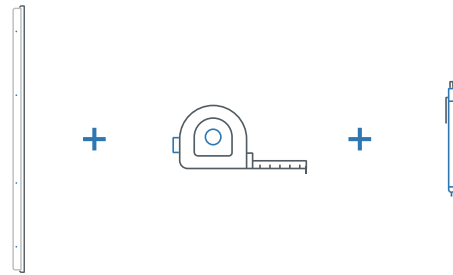
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STEP 2 – INSTALL

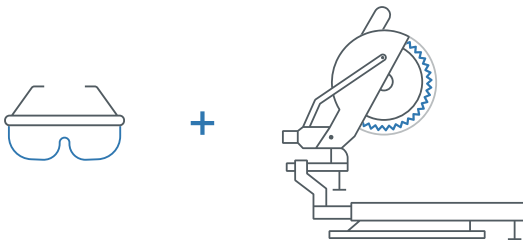
- 1** Start by measuring the door frame along the hinge side and latch side jambs. Write down the measurements and double check them.



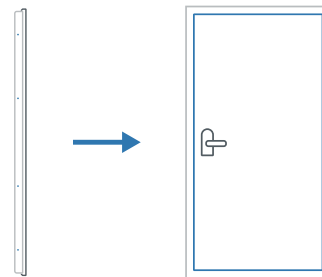
- 2** Carefully measure the first jamb seal on the aluminum channel (NOT the rubber gasket). Mark a cutting line perpendicular to the channel with a metal marker (Silver Streak).



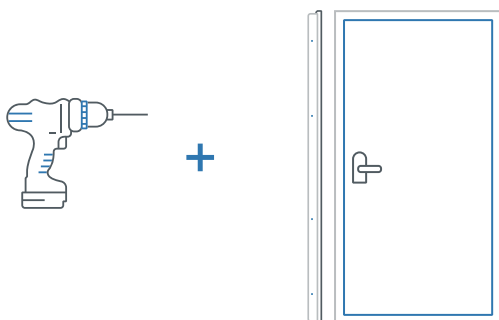
- 3** Put on your eye protection. Set the rubber seal side against the miter saw backstop and make a 90 degree cut. Be careful! The end piece can fly. Pull the rubber from the side you didn't cut back into the aluminum channel.



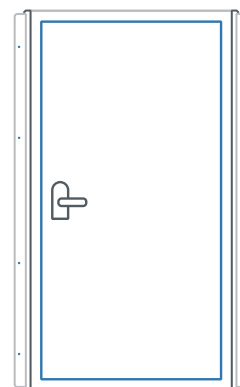
- 4** Place the jamb seal against hinge side jamb and check for fit while the door is closed. Open and close the door to be sure it doesn't catch or bind the rubber gasket.



- 5** With a 1/8" drill bit, drill the center mounting hole and screw in the jamb seal with the provided screws. Start with the middle mounting hole. Then pre-drill and screw in the remaining holes.



- 6** Repeat steps 2 to 5 for the latch side door jamb seal.

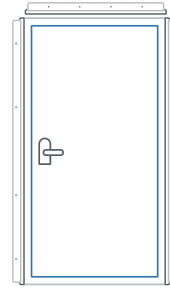


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STEP 2 – INSTALL (CONT.)

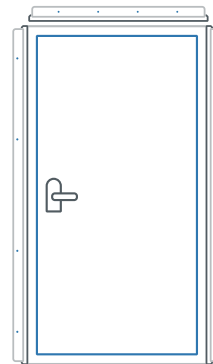
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Carefully measure the space between the inside of the two door seals at the top. Measure and cut the smallest door jamb seal to fit tightly between the two side seals. Repeat the same installation process for the top jamb seal. Once the three jamb seals are installed, inspect the perimeter for gaps.



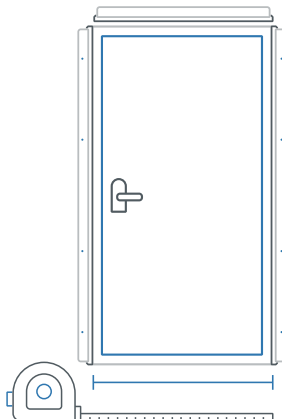
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Once you have no visible gaps, adjust the rubber gaskets using the adjusting screws spaced every 12" around the perimeter. Slide a piece of paper between the neoprene rubber and the door. Use a screwdriver to tighten the adjusting screws with quarter counter-clockwise turns until the paper is held up by the rubber seal, but does not bind as the door opens and closes. Do not overtighten, or the door will actually be less soundproof AND won't close correctly. Open and close the door after your adjustments to test it out.



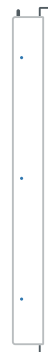
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Carefully measure the space between the inside of the two door seals at the bottom. There should be a 1/8" gap at either end of the bottom seal for the door to shut properly.



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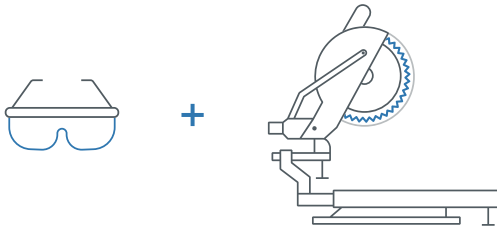
Measure and mark a perpendicular cutting line on the bottom seal end WITHOUT the actuator screw. Pull back the rubber gasket on the end without the actuator screw and place the aluminum channel side against the saw backstop.



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STEP 2 – INSTALL (CONT.)

- 11** Hold the rubber gasket away from the saw blade and cut the bottom seal. Keep your hand safely clear of the blade! If you have trouble getting the rubber gasket back into the aluminum channel, soap and warm water will make it much easier.

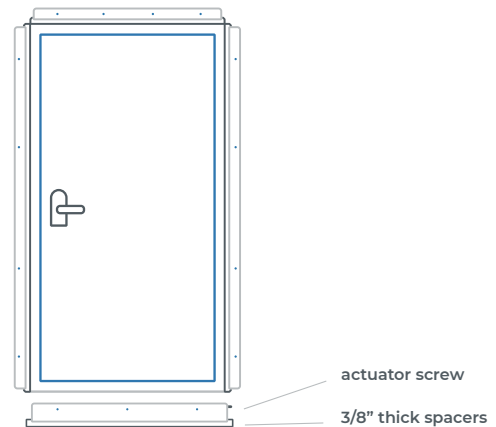


- 12** Trim the rubber gasket at both ends with a pair of sharp scissors. Leave about 1/8" beyond the aluminum channel on both sides. Screw the actuator screw all the way into the bottom seal.



- 13** Place the bottom seal on your 3/8" thick spacers and hold it level with the bottom of the door. The actuator screw should face the HINGE side of the door. The bottom seal MUST clear the floor, but should not be more than 1/2" off the ground. You can test the ideal height before mounting the bottom seal using a piece of paper or cardboard. Open and close the door to make sure it doesn't rub the floor.

Starting with the center hole, drill and screw in the bottom seal. Do not over-tighten or the bottom seal will not drop or self-level properly.



- 14** Open the door and unscrew the actuator screw a half-turn at a time. The bottom seal drops in a teeter totter motion, with the hinge side contacting the floor first. It then self-levels once contact is made to account for uneven floors. If the bottom seal is installed too high, the teeter totter will not come all the way down.



- 15** Continue adjusting the bottom seal slowly until the bottom seal just barely blocks light from passing under the door. You may need to come back later to fully adjust the seal after it has aged a bit. When the seal is new, it is sticky and can rip if adjusted too tightly too soon.

