



QUIET DOOR KITS

Description

Quiet Door Soundproofing Kits are specifically designed for all your door soundproofing needs. The Quiet Door Perimeter Seal and Quiet Door Sweep are engineered to create a seal around the perimeter of the door when closed and the door panels provide that extra sound blocking from sound transfer through the door.

General Installation Tips

The Quiet Door Perimeter Seal can be mounted on a door that is up to 86" high and 36" wide. The Quiet Door Sweep can be cut down to 32" but no less. If your door is taller than 86" or narrower than 32", call for a custom made door kit. The seal and sweep are installed on the in swing side of the door and the panels are typically installed on the opposite side. This means if you are standing in front of the door and it opens away from you, the seal and sweep go on that side. The Quiet Door Perimeter Seal should be installed prior to the Quiet Door Sweep.

Tools Required

straight edge, utility knife, tape measure, hacksaw, sand paper, and drill

Adjustable Perimeter Seal

1. Measure the dimensions of the inside of the door frame. The two vertical legs will typically be floor to the top of the frame and the top leg will sit in between those legs.
2. Cut the seal to fit using a hacksaw.
3. Be careful not to cut off all of the adjustment screws. It may be better to take a little off of each end rather than all off one side.

Standard Perimeter Seal

1. Measure the dimensions of the inside of the door frame. The two vertical legs will typically be floor to the top of the frame and the top leg will sit in between those legs.
2. Cut the seal to fit using a hacksaw.



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Automatic Door Sweep

1. Measure the inside dimension of the door frame. If installing with the Quiet Door Perimeter Seal, you should measure between the perimeter seals. If no adjustments are needed, skip to step 9.
2. Cut the sweep 1/8" shorter than the distance between the two sides of the perimeter seal or door stops. Do not cut more than 1 1/2" from the automatic door sweep. (Automatic Door Sweeps 20" and below can only be trimmed 1/2."
3. Remove the #4 x 1/2" fastener screw on the rear face of the automatic door sweep. Remove the drop bar and spring assembly from the case. Pull the assembly from the plunger (adjusting nut) side before cutting the automatic door sweep.
4. Cut the case to the desired width, leaving 1/8" spacing between the Perimeter Seal or door stop.
5. Remove the rubber seal inserts from the bar and spring assembly.
6. Cut the bar to 1/4" less than the outer case width.
7. Insert the bar and spring assembly into the case. The spring-con blocks slide into the upper cavity, and the bar slides below, until the hole in the spring-con blocks lines up with the countersunk hole for the #4 x 1/2" fastener. Reinsert the fastener removed in step 3.
8. Install the fastener until the head is flush with the case. Push the bar into the case until the bar stops with a slight inset at each end of the case.
9. Insert the rubber seal into the drop bar. Mark seal using a pencil or marker flush with the edge of the door. Slide seal out 6" and remove excess with scissors or a utility knife. Once the seal is back in place, set the plunger (adjusting nut) for proper seal. To reduce the drop, turn the adjusting nut right. To increase the drop, turn the adjusting nut left.

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10. Install the end plate (included with hardware) on the plunger end.
11. Install the automatic door sweep on the bottom of the door using the predrilled holes and hardware provided. Please ensure the plunger (adjusting nut) is on the hinge side.

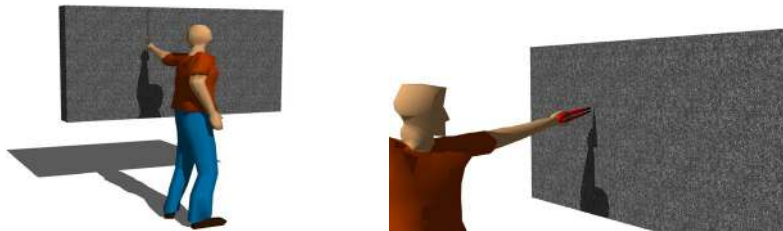


Standard Door Sweep

1. Measure the inside dimension of the door frame.
2. Cut the sweep 1/8" shorter than the distance between the two sides of the Perimeter Seal or door stops.
3. Cut the door sweep to fit the opening of your door using a hack saw.

Commercial/Industrial Door Panel

1. Mark the Commercial/Industrial Door Panel to the appropriate size using the tape measure and chalk line or pencil.



2. Cut along the line making sure the utility knife cuts the vinyl layer completely.
3. After the vinyl material has been cut, compress the foam so the utility knife can cut the material

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with one pass or cut the foam layer with a pair of scissors.

Installation

Adjustable Perimeter Seal

1. After the Perimeter Seal has been cut to fit the door according to the cutting instructions outlined above, dry fit each leg to ensure a proper fit.
2. Before installation, set the screws to the mid setting so that once the seal is installed it can be adjusted inward or outward.
3. With the door in a closed position, line the seal up so that gasket has approximately 1/32 of an inch compression.



4. Drill holes for mounting screws in your door frame. #36 size drill is recommended.
5. Then snug the screws - be careful not to over tighten.
6. Seal the gap where the Perimeter Seal meets the door frame with OSI 175 Acoustical Sound Sealant.

Standard Perimeter Seal

1. After the Perimeter Seal has been cut to fit the door according to the cutting instructions outlined above, dry fit each leg to ensure a proper fit.
2. With the door in a closed position, line the seal up so that gasket has approximately 1/32 of an inch compression.
3. Drill holes for mounting screws in your door frame. #36 size drill is recommended.
4. Then snug the screws - be careful not to over tighten.
5. Seal the gap where the Perimeter Seal meets the door frame with OSI 175 Acoustical Sound Sealant.

Automatic Door Sweep

1. With the door closed position and you standing on the push side of the door with the adjusting rod toward the hinge side, align bottom of the case with the bottom side of the door.
2. Hold the Sweep in place and screw to door with the provided screws.

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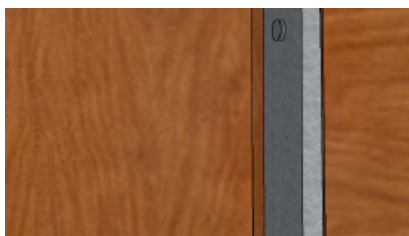
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3. Adjust the rod so that the seal drops down evenly across the floor. To reduce drop, turn rod right. To increase drop, turn the rod left. The maximum drop is 1".

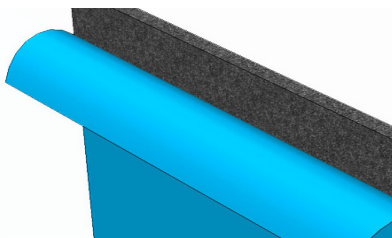


Standard Door Sweep

1. Measure from the floor up the door 1 11/16" and make a small mark on the door on both sides with a pencil.
2. From that line, measure down 1/4" and make another mark on both sides of the door. Draw a line between those two marks.
3. Line the top of the sweep up with that line and screw the sweep to the face of the door.

Commercial/Industrial Door Panel

1. It may be beneficial to remove the door from the frame for installation of the Commercial/Industrial panel.
2. Mark the material so it will cover 100% of the door. The material is typically installed on the opposite side than the seal and sweep; however, it can be installed on either side.
3. After the material has been appropriately marked and cut to size based on the cutting instructions outlined above, you are now ready to install the panel on the door.
4. Peel back the edge of the blue PSA backing to reveal 4-5" of the PSA back. Press firmly against the top of the barrier the entire way across the top of the material.



5. Work your way down the material peeling the backing and pressing firmly to ensure the PSA is sticking properly.

Residential Door Panel

1. The Residential Door Panel is a two piece system that is designed to cover both the top and bottom

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section of the door leaving a gap around the door knob.

2. Lay the panels out on the surface of the door where they will not interfere with the door knob function. The panels should be spaced as evenly as you can around the edges of the door with even spacing in between each panel. Once the panels are positioned, mark around where the edges of the panel will be lightly with a pencil.
3. Cut 12" off of the 24"x48" piece of vibration dampening material so the end dimension will be 24"x36". The scrap will be used with the other piece of material. When finished you will have two 24"x36" pieces
4. Install these pieces within the light pencil box you created earlier. Peel the backing off of the material and press firmly, rolling out all bubbles and imperfections.



5. The Residential Door Panel itself is installed to the door using hook and loop. Those are already installed on the back of the panel. You must install the opposite side to your door.
6. Measure to the center of each of the hook and loop dots on the back of the panel then using that measurement and the pencil box you created earlier, mark the surface of the vibration dampening material at the center of the dot. Stick the dot on that mark.



7. Repeat the process for all remaining hook and loop dots on the back of the panel. When completed, simply press the panel against the door and installation is complete.

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