

Automatic Door Bottoms

730S

Description:

Automatic Door Bottom

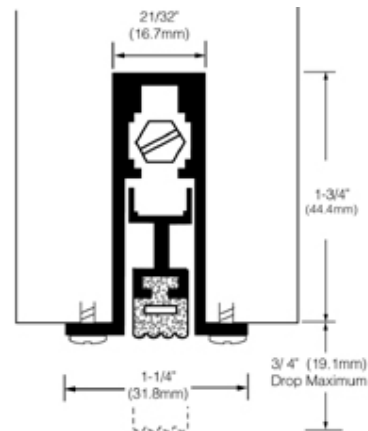
Provides an outstanding seal against drafts, light, smoke and sound. For best results, use in conjunction with a threshold. When door fully closes, the gasket extends downward to provide a seal. Gasket retracts when door is opened.



Application:

Automatic Door Bottom Mortise Application
End caps furnished in listed finish

- Finishes:** - MIL
- Inserts:** - N = Neoprene, EDPM or TPE
- S = Silicone
- Max. Drop:** - 3/4" (19.1 mm)
- Fasteners:** - #8 x 1-1/4" Pan head sheet metal screws furnished with surface mount types.
- #6 x 5/8" Pan head sheet metal screws furnished with mortise types.
- Notes:** - Furnished exact length as stated. May be trimmed for fitting (2" maximum).
- Furnished with end cover and strike plates.



Additional Notes:

MIL - Mill Finish Aluminum thresholds are supplied with zinc plated screws
DBA - Dark Bronze Anodized thresholds are supplied with screws plated to match
GLD - Gold Anodized thresholds are supplied with screws plated to match
MIB - Mill Finish Brass (Bronze) thresholds are supplied with brass screws
32D - Stainless Steel thresholds are supplied with stainless steel screws

UBC 7-2 (1997) tells you the product has been positive pressure tested to the new standard. Part I of this symbol designates the fire test. Since this symbol is used to designate the positive pressure fire test and does not differentiate between categories "J" and "G", additional information is needed. Products intended for use as edge sealing systems need to be labeled as such or list Category "G" in their literature. Without this information, the product is Category "J"; fire tested to the new standard of positive pressure.

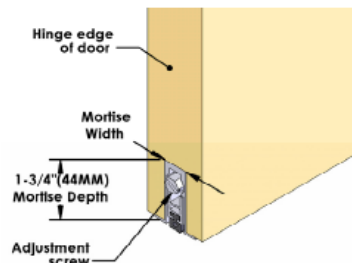


Fig. 1

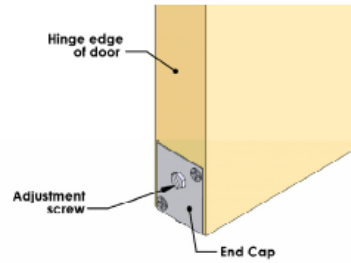


Fig. 2

730S and 743S Mortise Applied Automatic Door Bottoms

The Mortise applied door bottoms are non-handed and can be used for both left and right hand installations. For ease of installation, the door should be removed from hinges.

Installation Procedure

1. If necessary, cut unit to match width of door. Do not cut from the end with the adjustment screw. **MAXIMUM CUT 2"**.
2. If unit is trimmed in the field, undercut the inner drop-down gasket bar from the end opposite the adjustment screw. The gasket bar should be 1/8" less than the external housing.
3. Mortise the entire length of the bottom edge of the door (see fig. 1): For model 730S – 11/16" wide and 1-3/4" deep
For model 743S – 15/16" wide and 1-3/4" deep
4. Position the unit into the mortise. The end having the adjustment screw should be flush with the hinge edge of the door. Mark and drill pilot holes and install mounting screws.
5. Turn the adjustment screw so that it projects approximately 1/8" beyond the edge of the door.
6. Mount door on hinges.
7. Turn the adjustment screw, so that the gasket bar drops to provide a complete seal when the door is closed. To reduce the amount of drop, turn the screw clockwise. To increase the amount of drop, turn counterclockwise. **Special note: Do not extend the adjustment screw more than what is required for the gasket to just come in contact with the floor or threshold. This can result in excessive wear or possible damage.** Maximum drop is 3/4". When the screw is properly adjusted, position the end cap with the hex hole over the adjustment screw and attach to the door to lock the setting. (see fig. 2)
8. Attach the remaining end cap to the door to cover the opposite end of the unit. For wooden frames, install the small protective strike plate where the adjustment screw contacts the frame.

742S Surface Applied Automatic Door Bottoms

The Surface applied door bottoms are non-handed and can be used for both left and right hand installations. These units are for hollow metal doors having a 3/4" deep channel along the bottom edge. For ease of installation, door should be removed from hinges.

Installation Procedure

1. Measure the inside length of the channel on the bottom edge of the door.
2. If necessary, cut unit 1/8" less than the length of the door channel. Do not cut from the end with the adjustment screw.
3. Drill a 1/4" hole in the center of the hinge edge of the door for the adjustment screw, 1/2" from the bottom of the door. (see fig. 3)
4. Position the unit into the channel. Mark, drill pilot holes and install mounting screws.
5. Turn the adjustment screw so that it projects approximately 1/8" beyond the edge of the door.
6. Mount door on hinges.
7. Turn the adjustment screw, so that the gasket bar drops to provide a complete seal when the door is closed.

To reduce the amount of drop, turn the screw clockwise. To increase the amount of drop, turn counterclockwise. The maximum drop is 1/2". **Special note: The adjustment screw will become more difficult to turn when the unit reaches the maximum 1/2" drop position. Do not extend the adjustment screw more than what is required for the gasket to just come in contact with the floor or threshold. This can result in excessive wear or possible damage.**

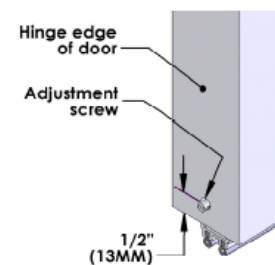


Fig. 3

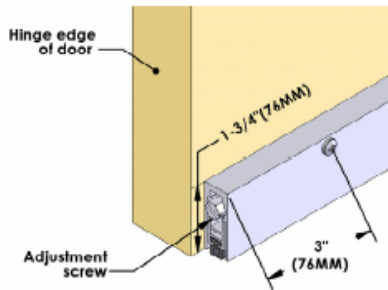


Fig. 1

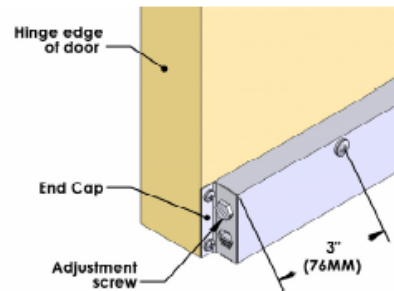


Fig. 2

740S and 747S Surface Applied Automatic Door Bottoms

The Surface applied door bottoms are non-handed and can be used for both left and right hand installations.

Installation Procedure

1. If necessary cut unit to fit between the frame stops and allow for door swing clearance. Do not cut from the end with the adjustment screw. MAXIMUM CUT 2".
2. If a unit is trimmed in the field, undercut the inner drop-down gasket bar from the end opposite the adjustment screw. The gasket bar should be an 1/8" less than the external housing.
3. Position the unit flush with the bottom edge of the door and the end with the adjustment screw flush against the frame stop on the hinge edge of the door. Mark, drill pilot holes and install mounting screws. (See fig. 1)
4. Turn the adjustment screw so that it projects approximately 1/8" beyond the edge of the unit. Mark and drill pilot holes and install mounting screws.
5. Turn the adjustment screw, so that the gasket bar drops to provide a complete seal when the door is closed. To reduce the amount of drop, turn the screw clockwise. To increase the amount of drop, turn counterclockwise. **Special note: Do not extend the adjustment screw more than what is required for the gasket to just come in contact with the floor or threshold. This can result in excessive wear or possible damage.** Maximum drop is 3/4". When the screw is properly adjusted, position the end cap with the hex hole over the adjustment screw and attach to the door to lock the setting. (See fig. 2)
6. Attach the remaining end cap to the door to cover the opposite end of the unit. For wooden frames, install the small protective strike plate where the adjustment screw contacts the frame stop.