



EG-108 Installation Instructions

Markar Architectural Products, Inc. a subsidiary of Adams Rite Manufacturing Co.
260 Santa Fe Street, Pomona, CA 91767

Phone: 800-872-3267 Fax: 800-232-6752

www.markar.com

There are two different methods of installing the edge guard. If using the standard sheet metal screws follow option (A). When using the optional AdjustaScrews, follow option (B).

- Perform each step of these instructions unless specifically labeled (A) or (B).

(1) Place the edge guard over the edge of the door as shown in Figure 1.

- The edge guard's legs are bent in slightly to fit tightly onto the door.

(2) With the edge guard lined up evenly with the top of the door (or with the hardware cut-out, where provided), mark the position of the top and bottom holes with a center punch. The use of the Markar MT-806 center punch can help center the hole so that the fasteners will enter straight. The taper on the tool sits in the countersunk hole on the hinge.

- A drill may be used to spot these holes while the edge guard is in place.

Note that accurate location is important for proper edge guard installation.

(3) Remove the edge guard and

(A) drill the top and bottom holes using a #25 bit. OR

(B) drill each hole with a 5/16" bit. The accuracy of hole location is improved by drilling a smaller pilot hole first.

(4)(B) Tap the holes for a 3/8-16 thread.

Note that it is not necessary to tap the holes in wood doors since AdjustaScrews cut their own threads.

(5)(B) Insert AdjustaScrews into every hole. Place a 3/16" Allen wrench in the opening of the AdjustaScrew and simply turn the AdjustaScrew into the hole while keeping the screw properly aligned. Drive each AdjustaScrew in until it is approximately flush with the edge of the door.

- Do not be concerned with the tight fit. AdjustaScrews are designed for a tight friction fit in the tapped holes so they will not turn when the attachment screw is being tightened. If the AdjustaScrews turn too freely, apply Loctite™ for threaded joints to the screw threads during installation.
- A screw gun or variable speed electric drill with a Markar MT-AD hex driver bit provides a faster means of installing the AdjustaScrews.

(6) Place the edge guard on the door after all the AdjustaScrews are set equally in the holes.

(7) Attach the edge guard to the door at the top and bottom with

(A) two #10 x 1¼" flat head undercut sheet metal screws. OR

(B) two 10-32 x ¾" machine screws. Fully tighten the screws.

(8)(B) Close the door and check for proper alignment.

- If the door requires alignment for proper fit, make this adjustment with the four screws already installed without removing the door:

(1) Remove one screw and insert the Allen wrench through the hole into the AdjustaScrew.

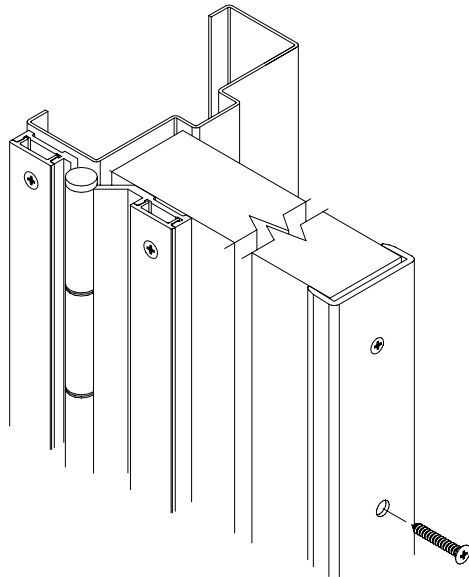
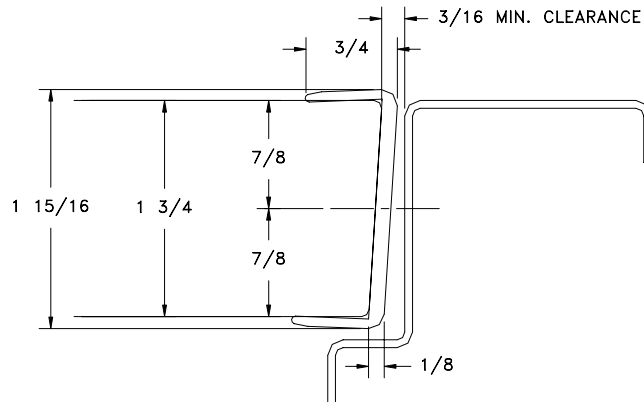
(2) Adjust as required. Replace screw and recheck alignment. One revolution of the AdjustaScrew will move the edge guard 1/16".

(3) The balance of the AdjustaScrews should be adjusted in the same manner until all are resting firmly against the inside face of the edge guard.

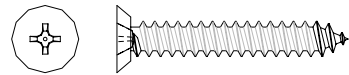
(9)(A) Drill the balance of the holes and fasten the remaining sheet metal screws. OR

(9)(B) Install and tighten the remaining machine screws.

Figure 1: Hinge Placement & Clearance Template

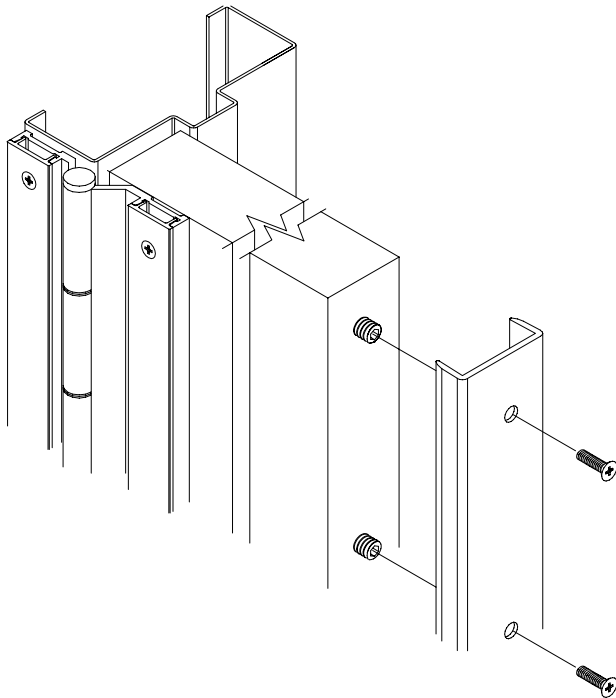


STANDARD HARDWARE

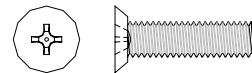


MP-28 (Alum.) MP-29 (Alum.)
 #10 X 1 1/4" Phillips Flat Head Undercut Sheet Metal Screw

- 7' Quantity: 8
- 8' Quantity: 10
- 10' Quantity: 12

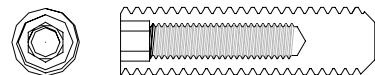


ADJUSTABILITY HARDWARE



MP-7 (stainless steel)
 Flat Head Machine Screw

- 7' Quantity: 8
- 8' Quantity: 10
- 10' Quantity: 12



MP-25 (stainless steel)
 10-32 Internal Thread & Hex Head Adjustment

- 7' Quantity: 8
- 8' Quantity: 10
- 10' Quantity: 12

Figure 2: Installation (Exploded View)

Screw Packs