



GAP90-ME

Fire Door Metal Edge

INSTALLATION INSTRUCTION

For the complete list of GapGuard Fire Door Accessories, the most up-to-date product information and installation instructions, scan the QR code or visit ngp.com.



Location of Metal Edge: Swing Configuration:

Wood Door, Meeting Edge . . . Double Swing (Pairs)
Wood Door, Top of Door Single or Double Swing
Wood Door, Hinge Edge Single or Double Swing
Wood Door, Strike Edge Single or Double Swing

Wood Doors

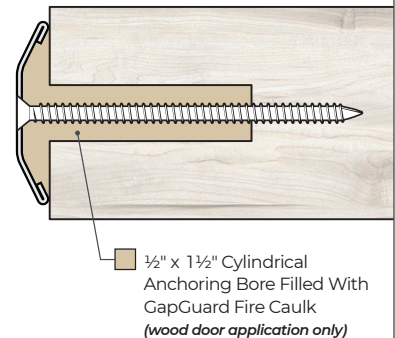
The GAP90-ME Metal Edge, in combination with GapGuard Fire Caulk, is a solution designed for excessive gaps up to $\frac{3}{8}$ " at the meeting edge of pairs of fire-rated wood or steel doors. The gap can be controlled by using the installation screws to draw-down (flatten) the Metal Edge as necessary to restore a maximum compliant clearance.

1. Where possible, apply the GAP90-ME Metal Edge to the uninterrupted edge of the door. If a splice is required to accommodate hardware, NGP Strike Shims may be required to maintain proper latching.
2. Determine excessive gap dimension between pairs of doors.
3. Place GAP90-ME Metal Edge against edge of door and transfer hole locations from Metal Edge onto edge of door, as well as mark for proper height (*cutting as necessary*).
4. Place masking tape on face of door, on both sides of edge to be corrected.
5. Drill pilot holes $\frac{7}{64}$ " diameter x $2\frac{1}{2}$ " deep at hole locations.
6. If desired, install GAP90-ME Metal Edge using #10 x $\frac{3}{4}$ " stainless screws to draw-down the Metal Edge to the appropriate gap clearance thickness or use a wood block and mallet to adjust thickness as necessary. Before removing the Metal Edge, mark the top of the Metal Edge for a later step.
7. Remove the screws and Metal Edge.
8. Drill anchor holes $\frac{1}{2}$ " diameter x $1\frac{1}{2}$ " deep at hole locations.
9. Remove dust and debris from holes.
10. Place Metal Edge on a horizontal support with the concave side facing up. Place GapGuard Fire Caulk inside the concave side of the Metal Edge, running full length. If desired, strike level with edge of Metal Edge using a trowel or putty knife. Let Metal Edge with GapGuard Fire Caulk set

in horizontal position until next step is complete.

11. Using GapGuard Fire Caulk, fill each of the $\frac{1}{2}$ " diameter holes.
12. Locate the top marking on Metal Edge. Place GAP90-ME Metal Edge with top of Metal

INSTALLED VIEW



Edge at top of door. Using #10 x $2\frac{1}{2}$ " stainless steel screws, attach the GAP90-ME to the door at all hole locations.

13. Clean any excess GapGuard Fire Caulk from Metal Edge and face of door using soap and water.
14. Remove masking tape from both faces of door and wipe clean.
15. Allow GapGuard Fire Caulk to cure for 24 hours prior to painting or additional aesthetics.



SPECIAL NOTE

To retain UL Certification, the GAP90-ME must be installed using GapGuard Fire Caulk

Location of Metal Edge:

Hollow Metal Frame, Header
 Hollow Metal Frame, Hinge Jamb
 Hollow Metal Frame, Strike Jamb

Hollow Metal Door, Top of Door
 Hollow Metal Door, Hinge Edge
 Hollow Metal Door, Strike Edge
 Hollow Metal Door, Meeting Edge

Swing Configuration:

Single or Double Swing (Pairs)
 Single or Double Swing (Pairs)
 Single or Double Swing (Pairs)

Single or Double Swing (Pairs)
 Single or Double Swing (Pairs)
 Single or Double Swing (Pairs)
 Double Swing (Pairs)

Hollow Metal Doors & Frames

1. Apply the GAP90-ME Metal Edge to either the frame rabbet or the door perimeter. If a splice is required to accommodate hardware, NGP Strike Shims may be required to maintain proper latching.
2. Determine the excessive gap dimension between the door and frame. Using the stainless screws, the GAP90-ME Metal Edge can be drawn down during installation to the appropriate thickness or use a wood block and mallet to restore a maximum compliant clearance.

3. Place GAP90-ME Metal Edge against the frame rabbet or door perimeter, mark for proper length and cut as necessary.
4. Install GAP90-ME Metal Edge using #10 x 3/4" TEK stainless screws to secure the Metal Edge to restore a maximum compliant clearance.

Attention:

GAP90-ME Metal Edge must accommodate fire pins and maintain compliance with fire pin procedures, if present.

An NGP strike shim 9275 or 9225 may be required for proper latchbolt engagement.

For use on up to 90-minute UL10B, UL10C and CAN/ULC-S104 wood or hollow metal fire doors with meeting edge, or head, or jamb clearance exceeding 1/8", up to 3/8".

An NGP strike shim 9275 or 9225 may be required for proper latchbolt engagement.



POSITIVE PRESSURE TESTED
 MISCELLANEOUS FIRE DOOR
 ACCESSORY

3.25



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