



GAP90N

Gap Solution for Excessive Fire Door and Frame Clearances
180 Minutes up to $\frac{3}{16}$ " for Narrow Soffit

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.



Requires installation of ALL components below:

- UL Certified Solution for Hollow Metal Fire Doors Rated up to 180 Minutes, and Wood Fire Doors Rated up to 90 Minutes with Excessive Clearance Between Door and Frame Over $\frac{1}{8}$ ", up to $\frac{3}{16}$ " and a Soffit Measuring $\frac{1}{2}$ " to $1\frac{3}{8}$ ".
- Patented:
US Patent 9,273,510 B2

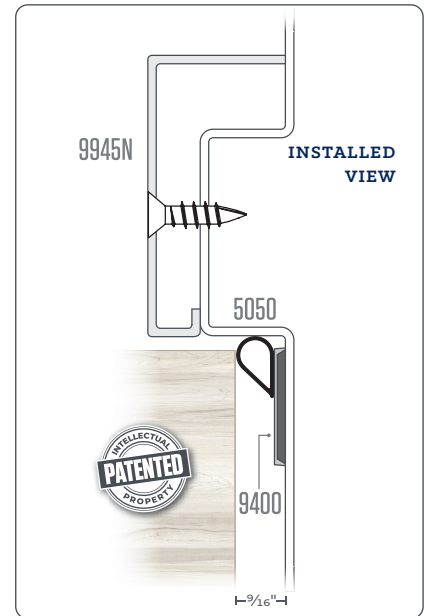
9945N – 16 Gauge Steel Stop Extender:

1. Cut to fit.
 - a. Doors with Parallel Arm Closers and Surface Vertical Rod or Rim Exit Devices; Cut 9945N Steel Stop Extender and omit at closer shoe or exit device strike.
2. Position on frame stop soffit as illustrated.
3. Install with TEK Screws provided in all mounting holes, working from one end to the other.

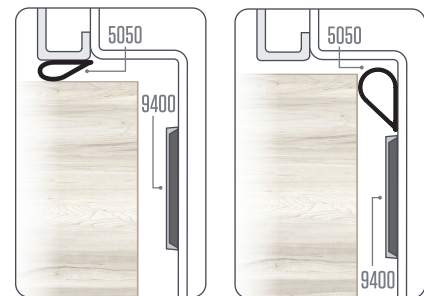
Next install 9400 Intumescent followed by 5050C in the location shown as follows:

9400 – Self-Adhesive Intumescent Seal and 5050C – Self-Adhesive Smoke Seal:

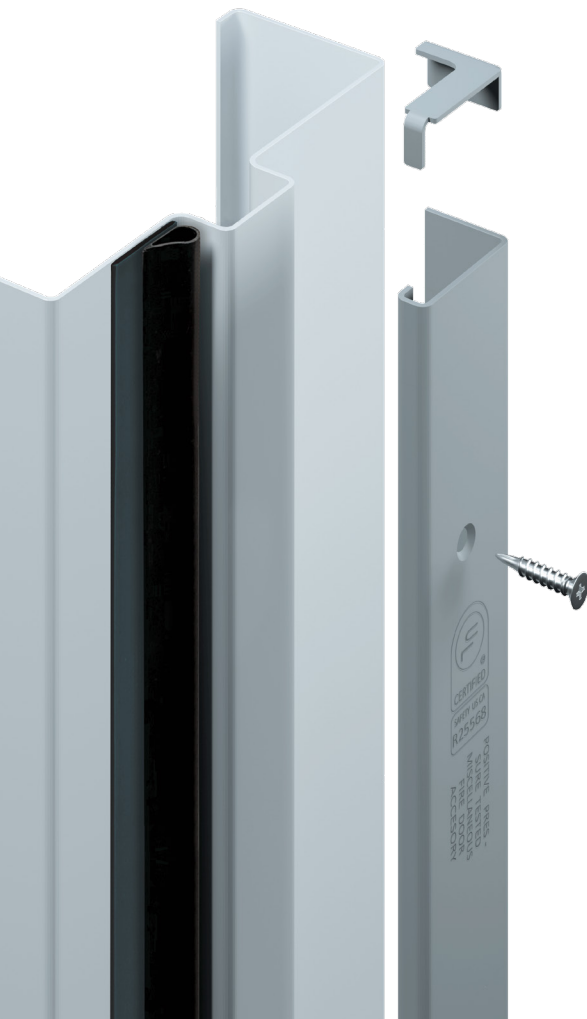
1. The surface temperature of the frame must be above 60°F for adhesive to bond.
2. Clean frame or door with clean wipe provided remove dust, oil, grease and dirt. Wax coated or high gloss painted surfaces may require roughening with a Scotch-Brite® pad or sandpaper so adhesive will bond properly.



* Alternate 5050C placement locations:



3. Measure and pre-cut pieces to fit where seal is to be mounted. Cut around and do not obstruct any fire label on frame.
4. Remove protective backing 1 to 2 feet at a time.
5. Position on frame where illustrated along entire length of excessive



GAP90N INSTALLATION INSTRUCTIONS *(CONTINUED)*

clearance. Omit material for strike, fire label, latchbolt of lock or exit device. As the 9400 intumescent seal is installed on rabbet, the 5050C smoke seal may also be installed on rabbet and/or stop face.

6. Adhere by pressing firmly (approx. 15 lbs. pressure required) straight down along entire length of gasketing. Do not remove and relocate.
7. Make sure the seal does not impede proper closing and latching of the door.

For use on up to 180-minute UL10B, UL10C and CAN/ULC-S104 wood or hollow metal fire doors with head and or jamb clearance exceeding $\frac{3}{8}$ ", up to $\frac{9}{16}$ ".

Multiple strike shims 9275 or 9225 may be required for proper latchbolt engagement.

Hinge edge of category B wood doors requires a UL certified category G edge seal.

5050C is Smoke & Draft Control Gasketing (Category H) tested to UL 1784; meets requirements of NFPA 105, IBC for use on 'S' label doors.

STORAGE AND SHELF LIFE

The adhesive on this seal has a shelf life of one year stored at 75°F and 50% relative humidity or less

Made in USA



POSITIVE PRESSURE TESTED
MISCELLANEOUS FIRE DOOR
ACCESSORY

5.26

NGP-GAP-GAP90N-PRI-0526-A



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