



**PEMKO**  
EXCESSIVE GAP  
DOOR SOLUTIONS

Setting the standard for safety

**PEMKO**  
**ASSA ABLOY**

Experience a safer  
and more open world

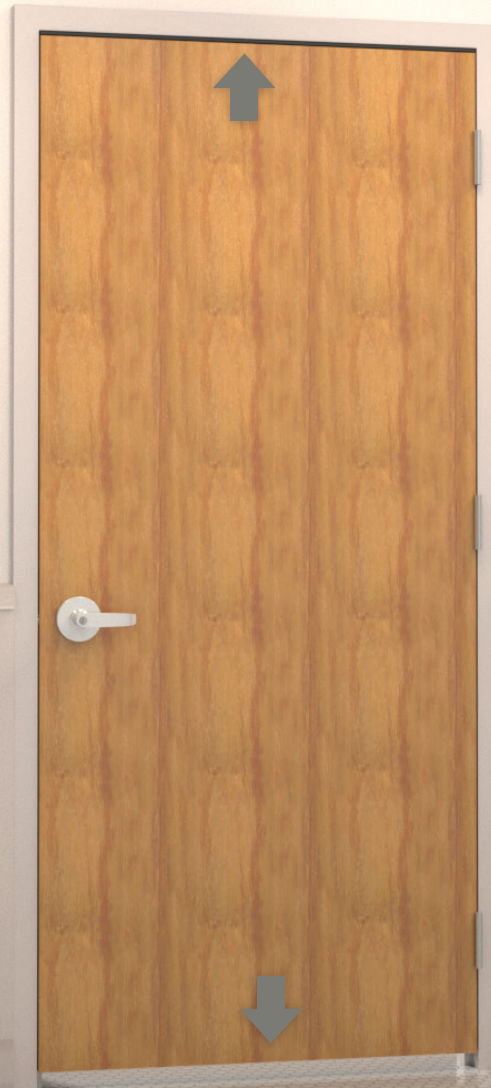


Pemko's line of Excessive Gap Seals help bring fire doors back into compliance. With affordable solutions for every gap condition — your building will be protected from all sides.

## EXCESSIVE GAPS

### Occur when:

- A building settles over time
- Doors are improperly sized
- Hardware or flooring is changed
- Door hardware sags



### Features:

- Seals gaps and clearances that exceed the requirements of NFPA 80
- Meets UL10C requirements for UL classified doors up to 90 minutes
- No special preparation needed on existing doors
- Can be used on steel composite, hollow metal doors, wood and plastic-covered composite core doors

### Benefits:

- Brings fire doors into compliance with code
- Eliminates costly expense of replacing doors
- Quick and easy resolution to fire door inspection issues
- Meets fire code requirements
- Saves on installation time
- Provides a solution for every door type



OUR SOLUTIONS

Product	Location	Fire Rated				Maximum Gap					Single Doors		Double Doors	
		20 min.	45 min.	60 min.	90 min.	1/4"	5/16"	3/8"	1/2"	1-1/2"	Wood	Hollow Metal	Wood	Hollow Metal
XG10	Perimeter Seal	✓	✓	✓	★	✓	○	○	○	○	✓	✓	✓	✓
XG10-HM	Perimeter Seal	✓	✓	✓	✓	✓	✓	○	○	○	○	✓	○	✓
HSS20XGS773	Perimeter Seal	✓	✓	✓	○	✓	✓	○	○	○	✓	✓	○	○
XG90 KIT	Perimeter Seal	✓	✓	✓	✓	✓	✓	✓	○	○	✓	✓	○	○
EGA305XGSS	Top of Door	✓	✓	✓	✓	✓	✓	✓	✓	○	✓	✓	✓	✓
XG2212_PK773	Door Bottom	✓	✓	✓	✓	○	○	○	○	✓	✓	✓	✓	✓
325XGSSN	Door Bottom	✓	✓	✓	✓	○	○	○	○	✓	✓	✓	✓	✓
XG90SME-KIT	Meeting Edge	✓	✓	✓	✓	✓	✓	✓	✓	○	○	○	✓	✓
XGSHIM	Latch Area	✓	✓	✓	✓	✓	○	○	○	○	✓	✓	✓	✓

★ XG10 is only approved for 90 minutes for hollow metal doors, and up to 60 minutes for wood doors.







## DOOR BOTTOM SOLUTIONS FOR SINGLE AND DOUBLE DOORS

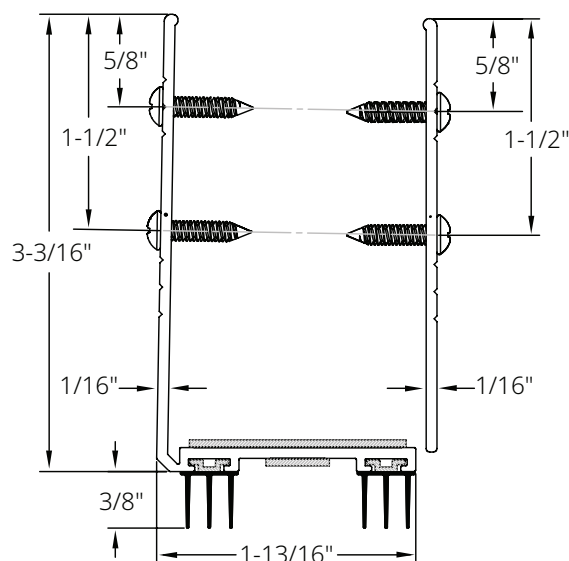
### Aluminum Option

Covers gaps up to 1-1/2"

#### XG2212\_PK773 Door Bottom Shoe

- UL10C tested for 90 minute wood and hollow metal doors
- Made from Aluminum and PemkoPrene™ gasket
- Furnished with HSS2000 and HSS90150XG high-performance intumescent
- Easy to install and trim in the field
- Provided with end plate kit

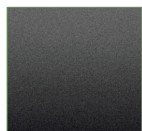
*Single and Double Door Application*



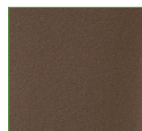
### Finish Options



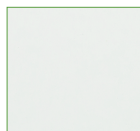
Mill Finish  
Aluminum  
(A)



Black Suede  
Powder Coat  
(BSP)



Satin Bronze  
Powder Coat  
(10BE)



White Suede  
Powder Coat  
(WSP)

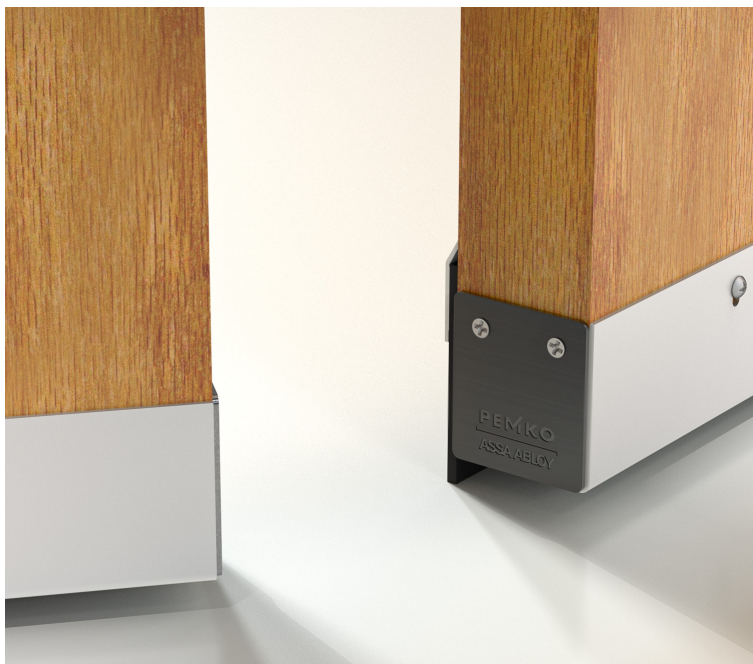


Miscellaneous  
Fire Door Accessory



Intertek





## DOOR BOTTOM SOLUTIONS FOR SINGLE AND DOUBLE DOORS

### Stainless Steel Option

Covers gaps up to 1-1/2"

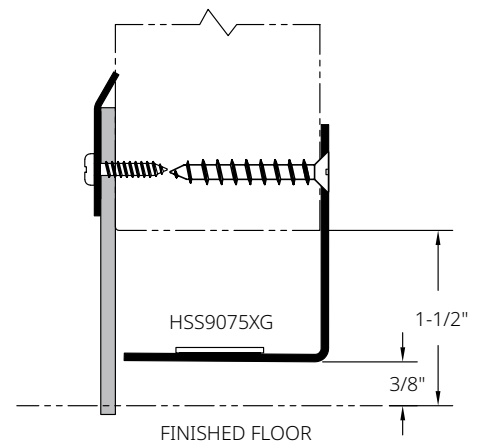
The 325XGSSN Kit Includes:

#### Door Bottom Sweep

- Made from Brushed Stainless Steel and Neoprene gasket
- Provided with end plate kit

#### Door Bottom Angle

- UL10C tested for 90 minute wood and hollow metal doors
- Made from Brushed Stainless Steel
- Incorporates HSS9075XG high-performance intumescent
- Reduce up to a 1-1/2" gap to the recommended 3/8"

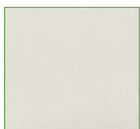


Miscellaneous  
Fire Door Accessory

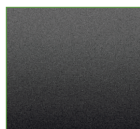


Intertek

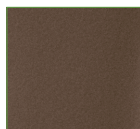
### Finish Options



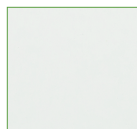
#4 Brushed  
Stainless Steel  
(SS)



Black Suede  
Powder Coat  
(BSP)



Satin Bronze  
Powder Coat  
(10BE)



White Suede  
Powder Coat  
(WSP)



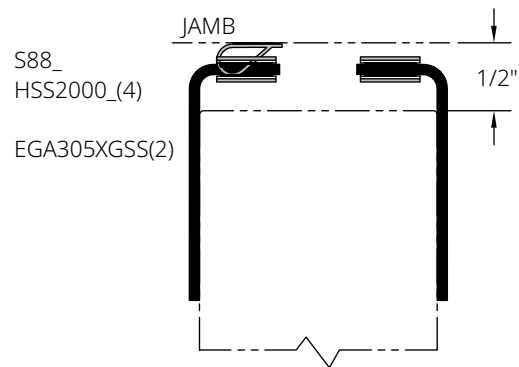


## DOOR HEADER SOLUTIONS FOR SINGLE AND DOUBLE DOORS

### EGA305XGSS Door Top Weatherstrip

Covers gaps up to 1/2"

- UL10 tested for 90 minutes on wood and hollow metal doors
- Made from Brushed Stainless Steel
- Installed onto the door to increase size and fill gap
- Incorporates S88 adhesive-backed silicone bulb and HSS2000 high-performing intumescent
- Reduce a gap of up to 1/2" to the recommended 1/16"

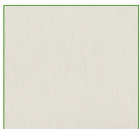


Miscellaneous  
Fire Door Accessory

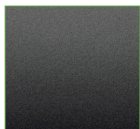


Intertek

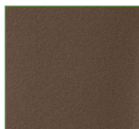
### Finish Options



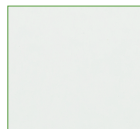
#4 Brushed  
Stainless Steel  
(SS)



Black Suede  
Powder Coat  
(BSP)



Satin Bronze  
Powder Coat  
(10BE)



White Suede  
Powder Coat  
(WSP)



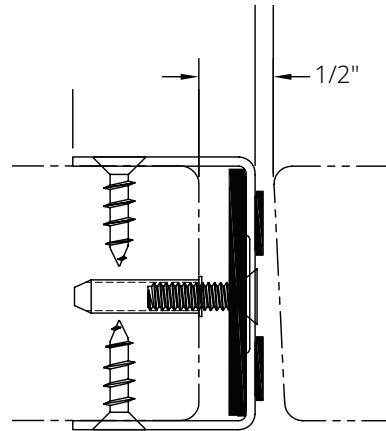


## MEETING EDGE DOUBLE DOOR SOLUTIONS

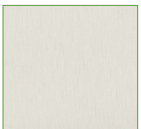
### XG90SSME-KIT Meeting Edge

Covers gaps from 3/16" to 1/2"

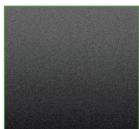
- Certified for paired doors on both Hollow Metal and Wood Fire-Rated Doors, up to 90 minutes
- Meets UL10C requirements for excessive gaps up to 1/2"
- Each component comes conveniently packaged in an easy-to-order kit
- Furnished with metal edge guard and high performance intumescent including: HSS2000BL, and HSS90BL
- Can be used with surface/concealed vertical rod exit devices or manual/automatic flush bolts. Refer to other manufacturers instructional documents for complete details



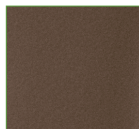
### Finish Options



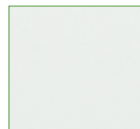
#4 Brushed  
Stainless Steel  
(SS)



Black Suede  
Powder Coat  
(BSP)



Satin Bronze  
Powder Coat  
(10BE)



White Suede  
Powder Coat  
(WSP)

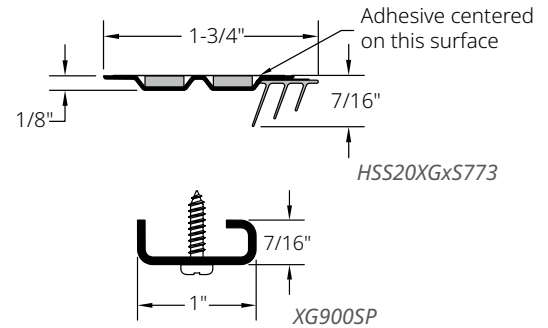




## COMPLETE PERIMETER SINGLE DOOR SOLUTION

### XG90KIT

- Applied to the frame
- Can seal gaps in the perimeter of the opening: either jamb and/or the header
- Three products included in the kit: HSS20XG (Intumescent Gasketing), S773 (Triple Fin Gasketing), XG900SP (Stop Extender)
- The XG90KIT includes material for the entire perimeter of the opening. If only using this solution on one part of the opening, material will need to be ordered individually
- For hinge shims, please see Rockwood HS42 or HS44



Miscellaneous  
Fire Door Accessory

### THE XG90KIT INCLUDES:

#### HSS20XGxS773 Intumescent with Gasketing

- Made from adhesive-backed, PVC encased, high-performance intumescent along with an adhesive-backed silicone triple fin gasket
- Seals a gap along the latch edge up to 3/8" for 90 minute openings when used with the XG900SP in the XG90KIT

#### XP900SP Stop Extender

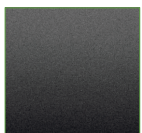
- Made from 16 gauge galvanized steel
- May be screw applied or welded in place
- XG900SP Stop Extender is used on the vertical jamb legs only

### HSS20XGx733

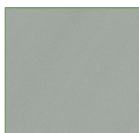
- Can be used independently outside of the XG90KIT
- Seals a gap at the header or along the jambs up to 5/16" for 60 minute openings

### Finish Options

#### Intumescent

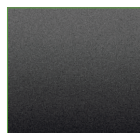


Black  
(BL)

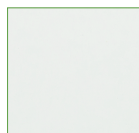


Grey  
(GR)

#### Silicone



Black  
(BL)

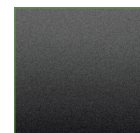


White  
(W)

### Finish Options



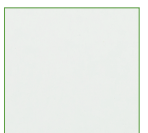
Galvanized  
Steel  
(SP)



Black Suede  
Powder Coat  
(BSP)



Satin Bronze  
Powder Coat  
(10BE)



White Suede  
Powder Coat  
(WSP)



## COMPLETE PERIMETER SINGLE DOOR SOLUTION (HEADER AND/OR JAMB)

### EZgap™ XG10 & XG10-HM

Covers gaps around doors up to 5/16"

- Surface-applied gasket
- Meets UL10C requirements for singles or pairs of doors with excessive gaps:
  - XG10:
    - Gaps up to 1/4". 60 minutes for wood doors, 90 minutes for hollow metal doors
  - XG10-HM
    - Gaps up to 5/16". 90 minutes for hollow metal doors
    - Kitted with the HSS90150XG rigid intumescent strip for top door channel
- Melts near the same temperature range as its flexible graphite intumescent core begins to expand
- Fits irregular door gaps
- Supplied with self-adhesive tape for fast, easy installation
- Available in 18- or 50-foot rolls – can be cut to desired length with heavy scissors
- Ideal for independent use on latch edge, hinge edge, or header, or full perimeter applications
- Strike shim (XGSHIM234/XGSHIM478) is required when using XG10 to remediate a gap on the latch edge of a 60 minute rated opening.
- Packed in a small box that is easy to transport and store
- No metallic fasteners for installation
- Patent Pending
- Good resistance to water and humidity

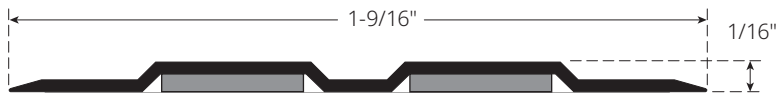


Miscellaneous  
Fire Door Accessory





## EZgap™ XG10 & XG10-HM (continued)



### Finish Options



Black  
(BL)



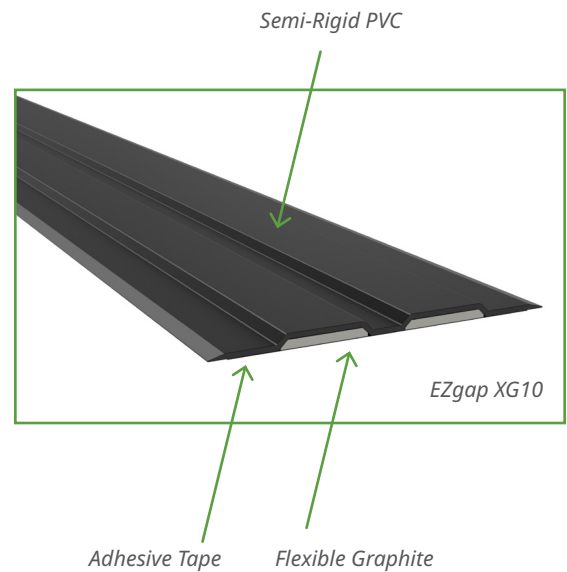
Brown  
(BR)



Grey  
(GR)



White  
(W)



## COMING SOON! INTUMESCENT SEALANT

### PemXGSeal™

- Meets UL10C 90 minute fire rating
- Non-shrinking, low odor
- Non-stick seal
- Maintains fire integrity
- Material: Polymer
- Size: 10.4 ounces
- Holes Size: Can fill holes in doors up to 1/2"
- Shelf Life: 18 months



Miscellaneous  
Fire Door Accessory



Intertek

# PERIMETER SOLUTION

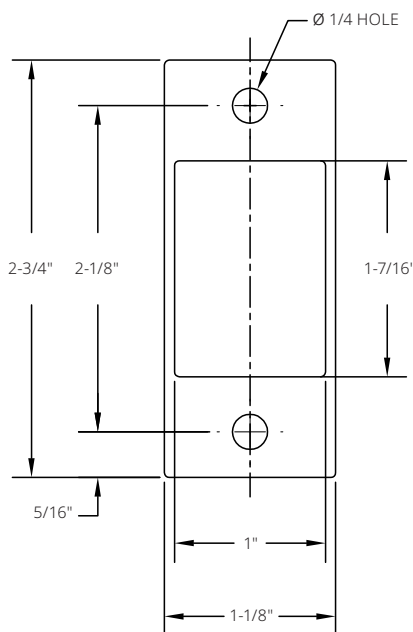
## XGSHIM Excessive Gap Shim

Covers gaps up to 1/4"

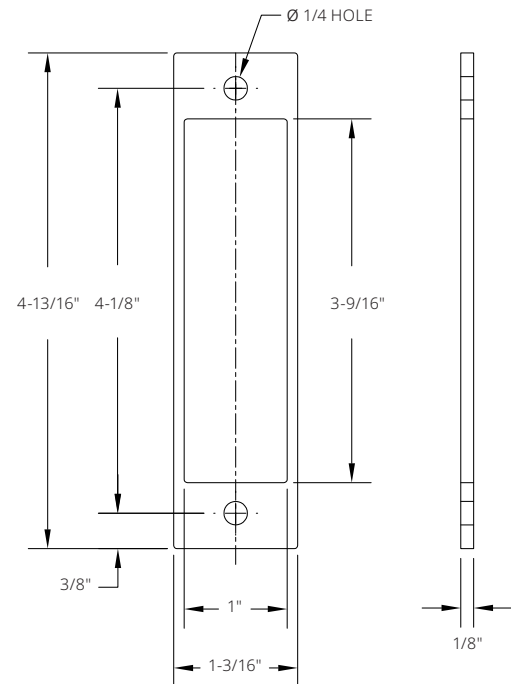
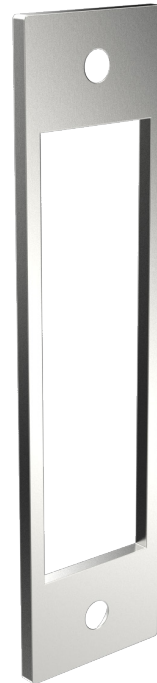
- Meets UL10C standards for 90 minute wood and metal doors
- For use on excessive gaps on the frame behind the strike plate
- Base Material: Steel
- Certified in USA & Canada



MODEL#	DESCRIPTION	LENGTH	INSIDE LENGTH
XGSHIM234	Fits 2-3/4" Strike Plate	2-3/4"	1-1/4"
XGSHIM478	Fits 4-7/8" Strike Plate	4-7/8"	3-5/16"



XGSHIM234



XGSHIM478

## XGGAUGE TOOL

The Pemko XGGAUGE tool is used for measuring door clearances, allowing you to check quickly and easily if your door assembly is in line with applicable fire code requirements.

- Can be used with any door type
- Small, lightweight, simple to use
- Determine quickly if assembly needs to be corrected or meets code



Front



Back



The ASSA ABLOY Group is the global leader in access solutions.  
Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.

**PEMKO**  
**ASSA ABLOY**



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