

# Architectural Door Accessories

**ASSA ABLOY**

## Pemko Hot Smoke Seal™

The global leader in  
door opening solutions

Applies to the following adhesive gasketing product:

### HSS2000

*Edge Sealing - Tested and Classified for Fire*

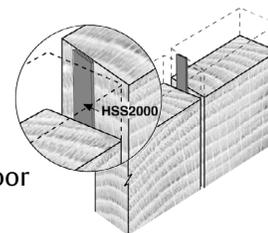
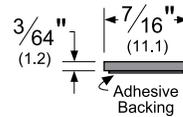
#### **About Edge Seals:**

Edge Seals are Category G materials that have demonstrated their ability to assist the door in meeting the positive pressure fire test requirements. Category G materials are necessary for use with Category B Door assemblies. Category G Edge Seals may also need a Category H Smoke Seal for a complete fire and smoke assembly.

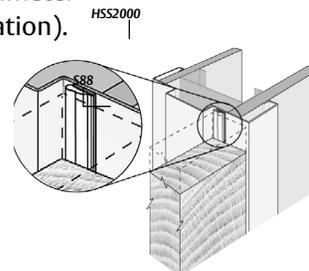
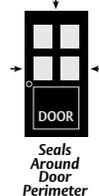
#### **About Fire Seals:**

Pemko fire seals are tested to the requirement of UL10B, UL10C and BS476. These products carry a Category "G" rating for application to Category "B" door assemblies.

- Adhesive backed intumescent.
- Care must be taken to maintain clearance requirements of NFPA 80.
- Pemko's intumescent edge seal can now be used on a wide range of 20, 45, 90 and 180 minute rated door and frame applications.
- Helps prevent penetration of life threatening hot smoke and hot gasses by expanding and filling the gap between a pair of doors or around the perimeter of the door (depending on if used as meeting stile or door frame application).
- Activation takes place without noxious fumes or smoke being given off.
- Chemically inert.
- Carbon dioxide and erosion-resistant.
- Highly stable.
- Moisture-resistant.
- Can be painted to match door.



**FOR MEETING  
STILE APPLICATIONS**



**FOR FRAME  
APPLICATIONS**

### Testing/Ratings:

Cladding materials for doors and frames intended for application on listed fire door frames used with steel doors rated up to and including 3 h, wood composite doors rated up to and including 1-1/2 h, and wood core fire doors rated up to 20 min without hose stream.



Miscellaneous  
Fire Door  
Accessory



### Product Finishes:

HSS2000	Graphite
HSS2000W	White/Graphite

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### Tools Required:



Sharp knife or scissors.

### Read Before Instructions



**Read before installation! Failure to do so may result in improper adhesion.**

**Storage and shelf life:** All adhesive gaskets have a limited shelf life. This product must be used within 6 months of purchase and must be stored between 50°F and 100°F.

**Before installing:** Thoroughly clean the frame with the enclosed cleansing towelette to remove grease, dust or cleanser build-up. Before installation, wait for frame surface to completely dry (evaporate). Some hospital environments have wax or anti-bacterial cleanser build-up. As an alternative or substitute cleanser, use isopropyl (rubbing) alcohol. Note: Mineral spirits or other petroleum based cleaning products should NOT be used.

**Application temperature:** If frames are too cold (below 50°F) or too hot (above 100°F) adhesion may be impaired.

#### When to install:

- Installation should take place after construction is completed, flooring is installed and final cleaning is completed.
- Paint on frame must be cured for at least 5-7 days. Paint cannot be wet under dry surface when gaskets are pressed on. Avoid quick-dry primers, which leave a powdery surface preventing sufficient adhesion. When applying to a wood frame, the surface must be non-porous and sealed. Follow standard industry guidelines on sealed wood frames and/or rough surface before applying. Note: Anti-bacterial, anti-fungal or silicone additives in paint may inhibit adhesion.

#### Application tips and warnings:

- Do NOT stretch material. Product can retract or shrink if stretched.
- Use very firm, perpendicular pressure when applying. Use wallpaper seam roller to reinforce adhesion after applying.
- Do not stretch material when using seam roller. Run roller with up and down motions.
- Double check adhesion after 2-3 hours before leaving job overnight.
- If gasket separates from frame, press again with firm pressure in place. If adhesive strip is exposed, airborne dust may impede adhesion. Replacement may be necessary.
- Application at header can be awkward due to overhead condition. Be sure to apply enough pressure.

**NOTE:** Adhesion takes delayed set. Immediate removal and resetting can be done if error occurs in initial placement. DO NOT reset after one hour. Full set is reached in 24 hours.

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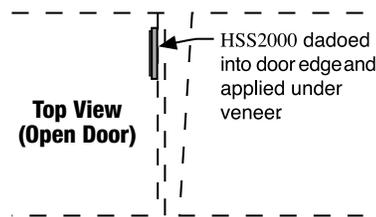
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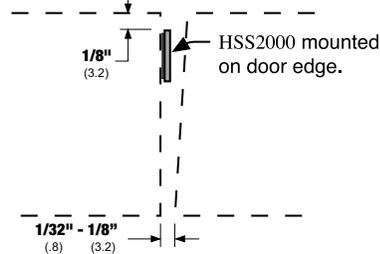
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### Installation Instructions

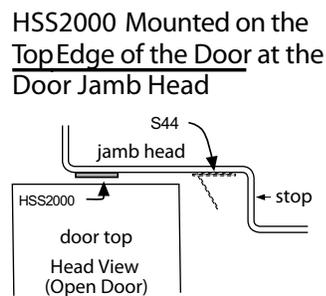
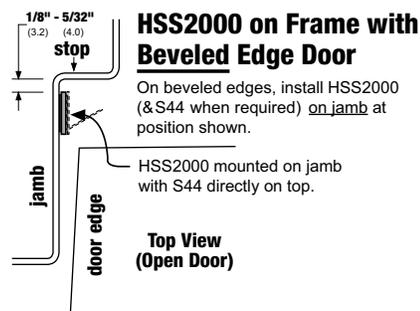
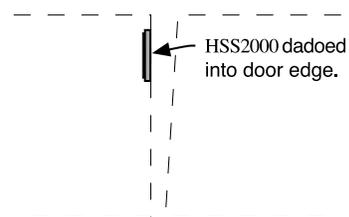
#### HSS2000 dadoed in edge of door under veneer



#### HSS2000 surface applied to door edge at meeting stile



#### HSS2000 dadoed in edge of the door



#### HSS2000 on Frame with Square Edge Door

On square edges, install HSS2000 (& S44, when required) on jamb at positions shown.

