

PEMKO PERIMETER SOLUTIONS

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Applies to the following perimeter solution product:

XG90KIT

Tested and listed for use on fire doors with excessive gaps - up to $\frac{3}{8}$ inch.

HSS20XGxS773

- Adhesive backed intumescent.
- Helps prevent penetration of life threatening hot smoke and hot gasses by expanding and filling the gap around the perimeter of the door.
- Activation takes place without noxious fumes or smoke being given off.
- Carbon dioxide, erosion, and moisture resistant.

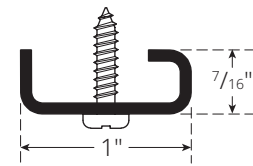
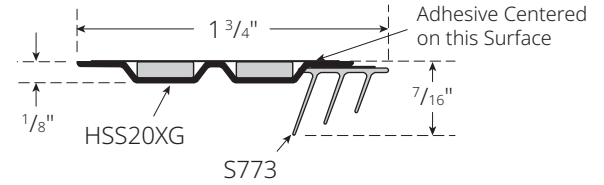
HSS20XG

- Can be painted to match door. Do not paint S773 material.
- For use on fire rated openings with clearance between door and frame in excess of those allowed in NFPA 80. Listed for use on clearances up to $\frac{3}{8}$ ".

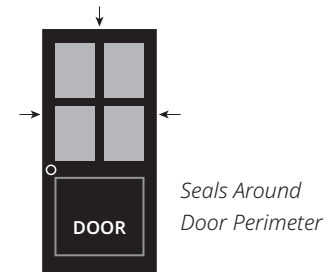
NOTE: Frame extender XG900SP is required for 90-minute ratings.

XG900SP

- 16ga galvanized steel
- Can be painted in the field to match the frame.
- Can be screw applied or welded to a metal frame (order with no holes for clean appearance).



XG900SP
(Used on vertical jamb legs only)



Testing/Ratings:

Excessive clearance solutions for door and frame clearances when installed per the manufacturer's instructions, intended for use with UL Classified steel composite, hollow metal doors, wood and plastic covered composite core doors with UL Listed fire door frames up to 1 1/2 hour.



Tools Required:



Product Finishes:

XG90KIT3684BL	Black Intumescent x Black Silicone x Galvanized Steel	For a 36" x 84" Opening
XG90KIT4284BL	Black Intumescent x Black Silicone x Galvanized Steel	For a 42" x 84" Opening
XG90KIT3684W	Black Intumescent x White Silicone x Galvanized Steel	For a 36" x 84" Opening
XG90KIT4284W	Black Intumescent x White Silicone x Galvanized Steel	For a 42" x 84" Opening

Pemko Intumescent



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.

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.

Installation Instructions

XG900

1. Trim to height of frame's vertical legs.
2. Install on stop (closest to the door).
3. If holes were provided, use holes to mark fastener locations.
4. Fasten with screws provided.

NOTE: If frame is metal, predrilling holes is required. Tek screws available to avoid predrilling.

NOTE: This product may also be welded to the frame if desired. Order material with no holes for a smooth, clean appearance.

HSS2000XGXS773 on Frame with Beveled Edge Door

