

Installation Instructions for 45- and 60-Minute Positive Pressure and Smoke Control Wood Doors **UBC 7-2 (97)** Part 1 & 2

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- Install doors in accordance with the latest published edition of NFPA 80, "Standard for Fire Doors and Fire Windows". Fire rated doors are required to be machined by A&L Shielding Inc. or other licensed manufacturers or machining centers (licensed by Inter-tek Testing Service (ITS) specifically for machining A&L Shielding Inc. doors).
- Labels will be located on the hinge stile of the door unless continuous hinges are used. In that case only, the label will be located on the top of the door. **DO NOT REMOVE THE LABEL.** It identifies the door as fire rated.
- Field trimming for height may be done only on the bottom rail of the door and only up to a maximum of 3/4" less than nominal per NFPA 80 requirements. Maximum clearances allowed by NFPA 80 are 1/8" at the top and each edge and 3/4" at the bottom.
- Surface mounted hardware must be attached with thru-bolts unless interior blocking is provided. Take proper shielding precautions when thru-bolts are used. Maximum of 1/8" (3.2mm) clearance allowed between frame and door (or leaves of pair) is allowed.
- No intumescent hardware kits are required.

Category A: No Additional Edge Sealing System Required

This category includes doors that have intumescent material installed in the stiles and top rail.

- **Installation Requirements: Single Door - To meet part 1 of UBC 7-2 (97)**
No additional intumescent is required for Part 1 compliance.
- **Installation Requirements: Pair Doors - To meet part 1 of UBC 7-2 (97)**
The meeting edge intumescent is factory installed. A listed metal edge and astragal set is supplied.
- **Installation Requirements: Single Door - To meet part 2 of UBC 7-2 (97)**
Install "listed and labeled" smoke and draft control gasketing (Category H) to the opening.
- **Installation Requirements: Pair Doors - To meet part 2 of UBC 7-2 (97)**
Install "listed and labeled" smoke and draft control gasketing (Category H) to the opening. Install a strip of "listed" smoke seal gasketing on the meeting stile edge of one leaf of the pair.

