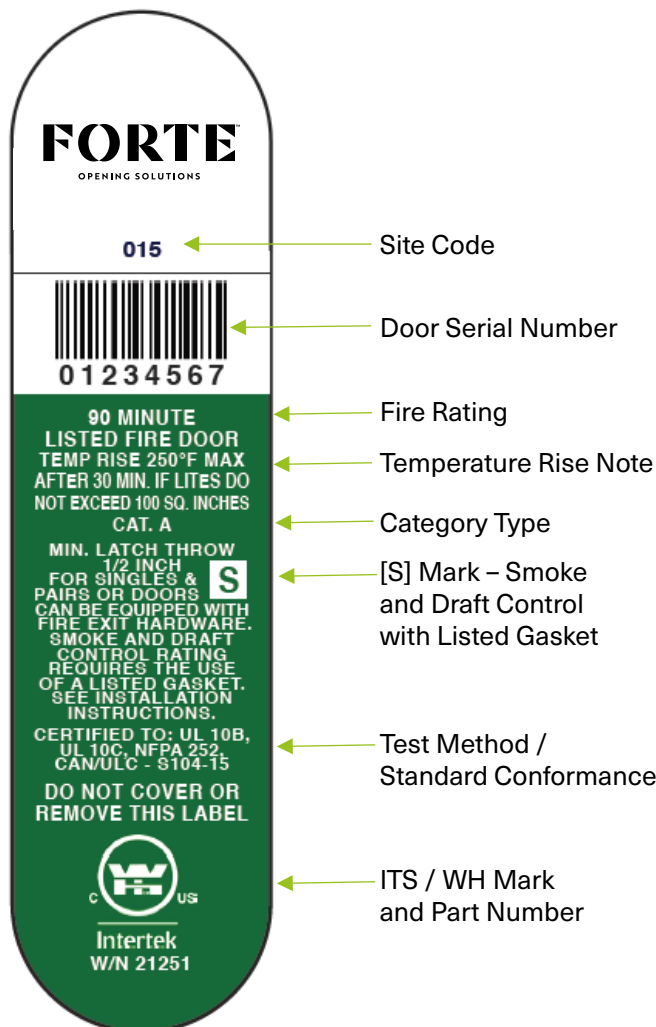


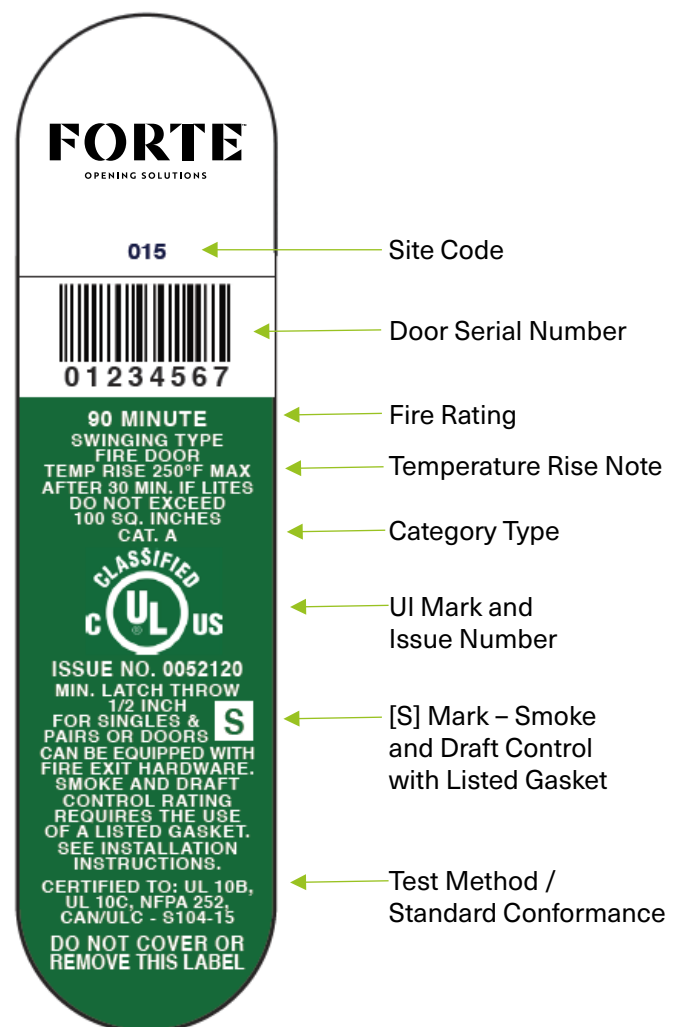
# Forte™ Opening Solutions Standard Fire Door Labels

## Agency Label Information

### INTERTEK / WARNOCK HERSEY

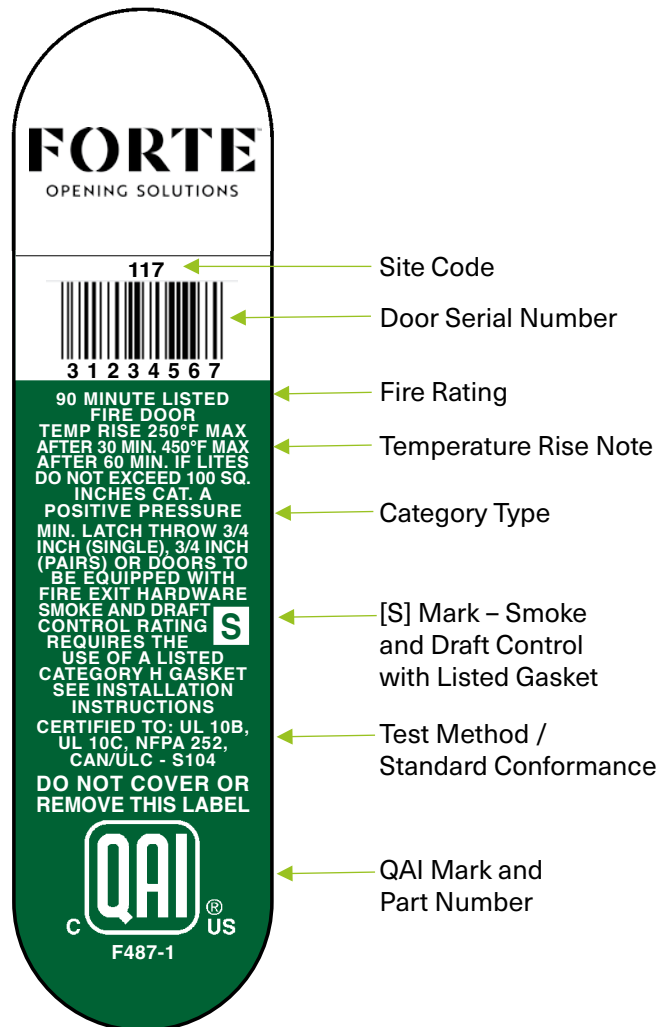


### UNDERWRITERS LABORATORY



Agency Label Information

**QUALITY ASSURANCE INTERNATIONAL (QAI)  
LONDON, ONTARIO**



**20 MINUTE UNDERWRITERS LABORATORY SINGLES AND PAIRS**



**20 MINUTE INTERTEK/WARNOCK HERSEY SINGLES AND PAIRS**



**20 MINUTE QAI SINGLES AND PAIRS, AND FRAME  
LONDON, ONTARIO**



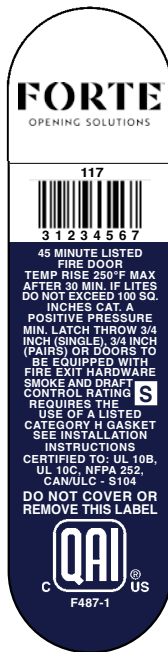
45 MINUTE UNDERWRITERS LABORATORY SINGLES AND PAIRS



45 MINUTE INTERTEK/WARNOCK HERSEY SINGLES AND PAIRS



**45 MINUTE QAI SINGLES AND PAIRS, AND FRAME  
LONDON, ONTARIO**



60 MINUTE UNDERWRITERS LABORATORY SINGLES AND PAIRS



60 MINUTE INTERTEK/WARNOCK HERSEY SINGLES AND PAIRS

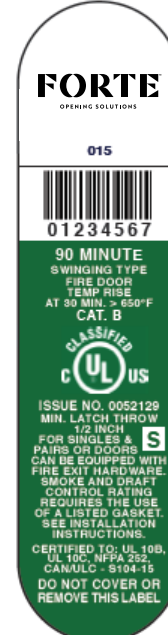
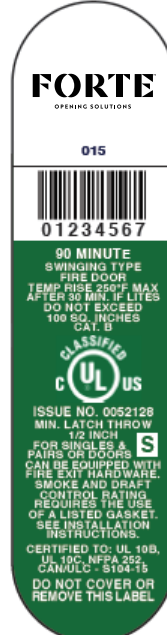
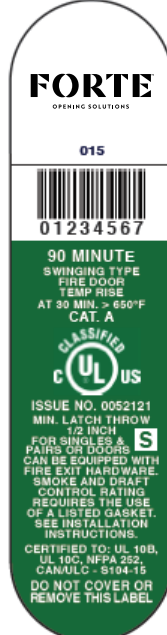
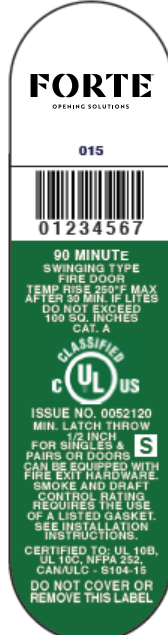


**60 MINUTE QAI SINGLES AND PAIRS, AND FRAME  
LONDON, ONTARIO**

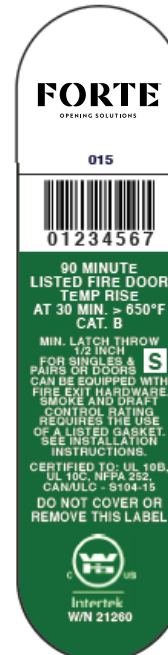




90 MINUTE UNDERWRITERS LABORATORY SINGLES AND PAIRS



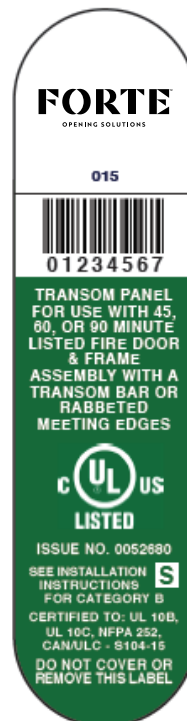
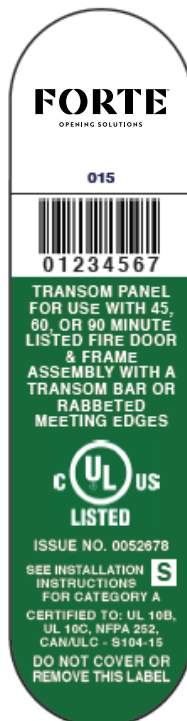
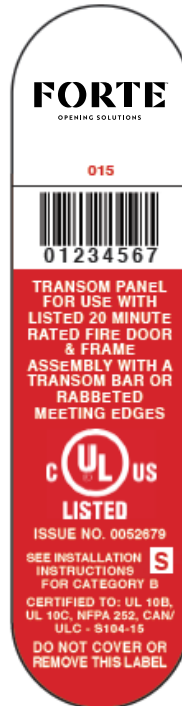
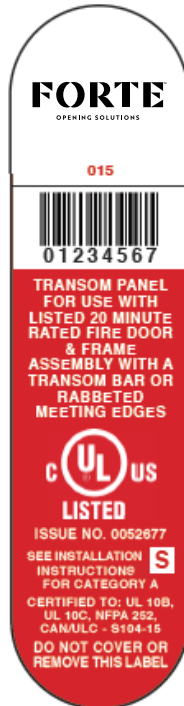
90 MINUTE INTERTEK/WARNOCK HERSEY SINGLES AND PAIRS



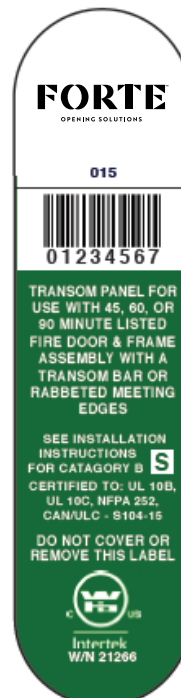
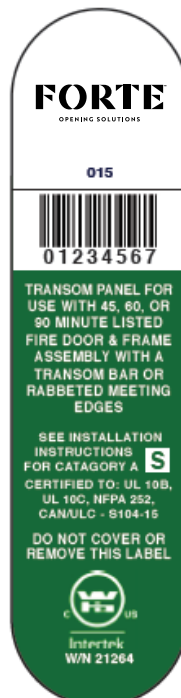
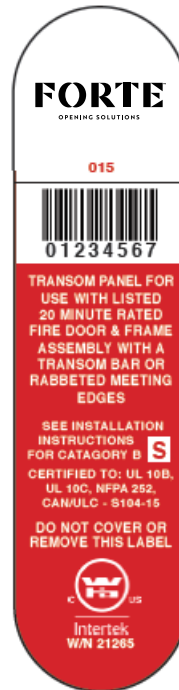
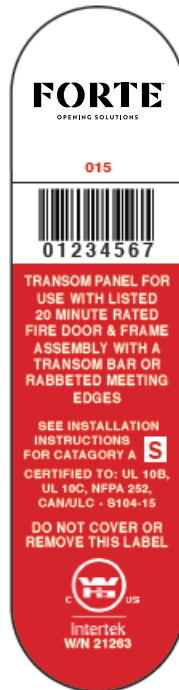
**90 MINUTE QAI SINGLES AND PAIRS, AND FRAME  
LONDON, ONTARIO**

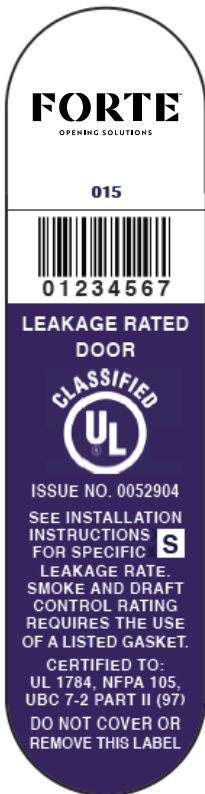


**UNDERWRITERS LABORATORY FOR TRANSOMS**



**INTERTEK/WARNOCK HERSEY FOR TRANSOMS**





## UNDERWRITERS LABORATORY FOR LEAKAGE RATED DOOR

Some International Building codes require doors to meet the requirements for a smoke and draft control door assembly tested in accordance with UL 1784. The air leakage rate of the door assembly is not allowed to exceed 3.0 cubic feet per minute per square foot of door opening at 0.10 inch of water for both the ambient temperature test and the elevated temperature (400 °F) exposure test.

2012 IBC, the following applications apply to this door installation:

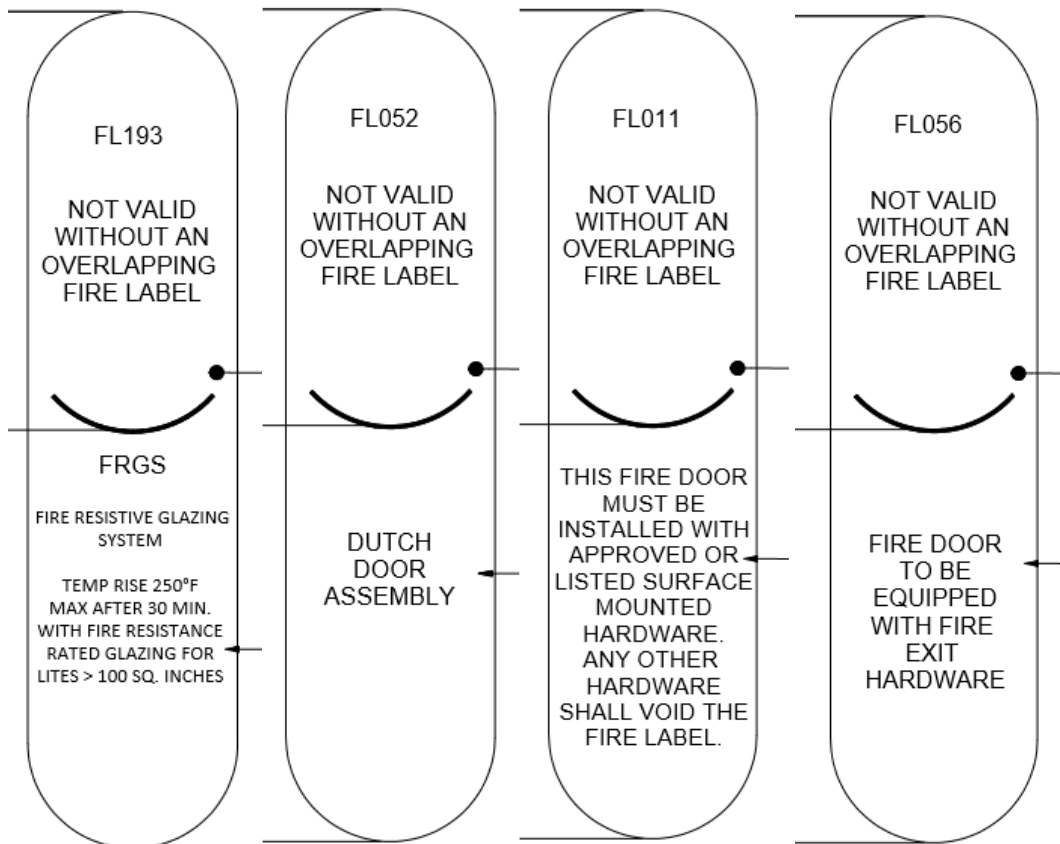
- Smoke partitions (Section 710.5.2.2)
- Enclosed elevator lobbies (Section 713.14.1, exception 3)
- Corridors and smoke barriers (Section 716.5.3.1)
- Fire service access elevator lobbies (Section 3007.7.3)
- Occupant evacuation elevator lobbies (Section 3008.7.3)

Section 716.5.7.3 requires smoke and draft control doors that comply with UL 1784 to include the letter “S” on the fire-rating label of the door. Door and frame assembly are compliant with listed or labeled gasketing installed.

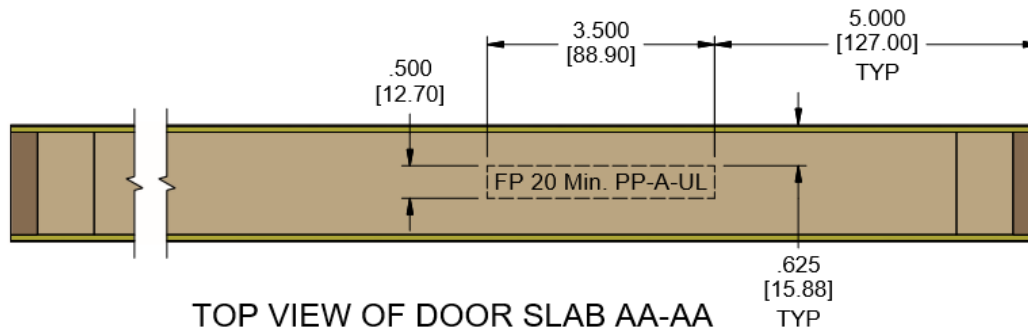
**INTERTEK/WARNOCK HERSEY FOR SMOKE AND DRAFT CONTROL DOOR**



**FORTE OPENING SOLUTIONS SUPPLEMENTAL FIRE DOOR LABELS**

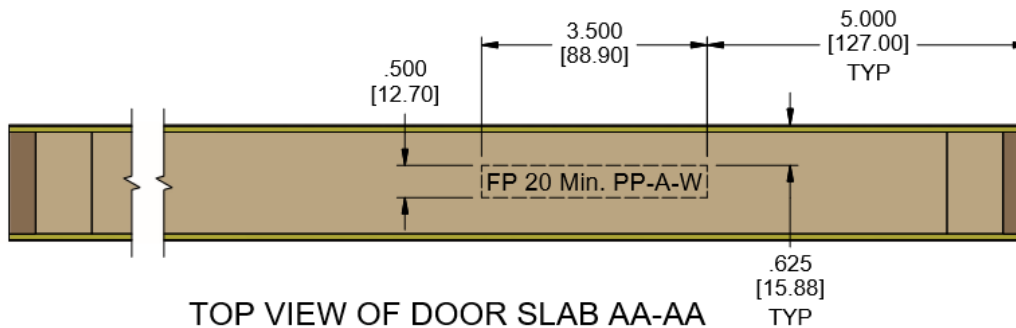


**FORTE OPENING SOLUTIONS FURTHER PROCESS MARK UNDERWRITERS LABORATORY**



"FP" FURTHER PROCESS BY APPROVED SECONDARY MACHINER  
PERFORMANCE RATING  
**FP 20 Min. PP-A-UL** ← "UL" FOR UNDERWRITERS LABORATORIES  
"PP" IS POSITIVE PRESSURE  
NONE IS NEUTRAL PRESSURE  
CATEGORY "A" (PP ONLY)  
CATEGORY "B" (PP ONLY)

**FORTE OPENING SOLUTIONS FURTHER PROCESS MARK INTERTEK/WARNOCK HERSEY**



"FP" FURTHER PROCESS BY APPROVED SECONDARY MACHINER  
PERFORMANCE RATING  
**FP 20 Min. PP-A-W** ← "W" FOR WARNOCK HERSEY  
"PP" IS POSITIVE PRESSURE  
NONE IS NEUTRAL PRESSURE  
CATEGORY "A" (PP ONLY)  
CATEGORY "B" (PP ONLY)