



SPECIFICATIONS FOR 90 MINUTE POSITIVE PRESSURE 'S' LABEL FRAMES

CONFORMING TO UBC STANDARD 7-2-1997

1. **'S' MARK VALID ONLY IF LISTED CATEGORY "H" SMOKE AND DRAFT CONTROL GASKET IS APPLIED (by others—Pemko S-88 recommended)**
2. Acceptable labeled hardware for the door frame assembly:
 - A. HINGES: Per NFPA 80, 2-4.3.1; *Pivots not allowed*
 - B. LATCHES: Cylindrical / Mortise / Pre-Assembled / Dead bolts: Minimum ½" bolt throw.
 - C. EXIT DEVICES: Surface mounted vertical rod; Mortise type
 - D. BOLTS: Manual flushbolts; Auto flushbolts; Surface bolts. Flushbolts require Pemko FGL-5000 on body of bolt – bottom, back and sides
 - E. CLOSERS: Surface mounted
 - F. VISION LIGHTS (MUST BEAR POSITIVE PRESSURE LABEL):
 1. Up to 1,296 square inches
 2. Up to 2,020 square inches (26-¾" wide by 75-1/2" high) with Pemko FG3003 around perimeter of glass
 3. Edge of cutout minimum 5" from edge of door or other cutouts
 - G. PROTECTION PLATES (Kick plates): Maximum 48" high
3. DOORS (MUST BEAR POSITIVE PRESSURE LABEL)
 - A. Door used must be 1-¾" thick, flush type, solid core fire rated
 - B. Door types / Minimum Specifications:
 1. Particle core (28pcf): 1-3/8" wood stiles (28pcf); 1-1/8" wood rails (28pcf)
 2. Staved lumber core (25pcf): ½" wood stiles (28pcf); 1-1/8" wood rails (28pcf)
 3. Parallel strand lumber (PSL) (39pcf): ½" wood stiles (28pcf)
4. Pairs also require Pemko HSS-1000 or HSS-2000 intumescent (by others), plus Pemko smoke and draft control gasket (e.g. S77), on one meeting edge.