

# POSITIVE PRESSURE

THIS SECTION IS PRESENTED FOR A BETTER UNDERSTANDING OF POSITIVE PRESSURE FIRE RATED DOOR CONFIGURATIONS.

LAMBTON DOORS LABEL UNDER I.T.S. / WARNOCK HERSEY AS A LISTED FLUSH WOOD DOOR MANUFACTURER COMPLYING TO ALL CURRENT FIRE DOOR REQUIREMENTS MEETING ASTM E-152 FOR NEGATIVE/NEUTRAL PRESSURE AND/OR ASTM E-2074 POSITIVE PRESSURE CATEGORY 'A'.

ALL FIRE DOORS MEET THE REQUIREMENTS OF RECOGNIZED FIRE DOOR TESTS AND BEAR CERTIFYING LABELS.

TO IDENTIFY WHETHER THE DOORS YOU NEED ARE POSITIVE PRESSURE HERE ARE THE KEY PHRASES TO LOOK FOR;

- ∄ POSITIVE PRESSURE
- ∄ UL 10-C - FIRE TEST
- ∄ UBC 7-2-1997 – UBC FIRE TEST
- ∄ ASTM 2074-00 – FIRE TEST
- ∄ IBC 2000 OR IBC 2003 – CODE
- ∄ NFPA 5000 – CODE
- ∄ AFTER 5 MINUTES INTO THE TEST THE NEUTRAL PRESSURE PLANE SHOULD BE AT 40"
- ∄ SHALL MEET POSITIVE PRESSURE REQUIREMENTS
- ∄ INTUMESCENT SEALS – NOT INDICATING POSITIVE PRESSURE, BUT IMPLYING THAT IT IS.

**CATEGORY "A" DOORS - NO ADDITIONAL EDGE-SEALING SYSTEM REQUIRED - THIS CATEGORY INCLUDES DOORS WITHOUT AN EDGE-SEALING SYSTEM BETWEEN THE DOOR AND THE FRAME. IT ALSO INCLUDES DOORS WITH A SEALING SYSTEM INCORPORATED (CONCEALED OR VISIBLE) INTO THE EDGE OF THE DOOR. MEETING EDGES OF PAIRS MAY REQUIRE AN ASTRAGAL OR EDGE SEALING SYSTEM.**

**CATEGORY "B" DOORS - ADDITIONAL EDGE-SEALING SYSTEM REQUIRED, PER THE 2002 ITS DIRECTORY OF LISTED BUILDING PRODUCTS - THIS CATEGORY INCLUDES DOORS WITH AN EDGE-SEALING SYSTEM APPLIED TO THE LABELED FRAME OR DOOR. THE APPLICATION OF THE EDGE-SEALING SYSTEM DOES NOT REQUIRE ANY MACHINING OF THE FRAME OR DOOR.**