

## DEFINITIONS

### **Vision Panels**

**Description:** May be identified as a lite, lite kit, window frame, door lite, vision panel, vision kit, vision lite, or window kit. All describe the same product, which is the metal or wood frame that holds the glass in place in the door.

**Shape:** Usually square or rectangular, but can be manufactured in many different shapes including round, cross, triangle, half circle, hexagon or other such custom shapes.

**Installation:** Usually fastens by means of sheet metal screws that pass thru the door cutout and screw into the opposite side of the vision panel, saving installation time and labor cost or you can also use thru-bolts as a means of fastening on some models.

**Glazing Material:** Usually 1/4" (6mm) although specially designed products can accommodate glass thicknesses from 3/16" (5mm) to 1 1/2" (38mm) on certain items.

**Door Thickness:** Usually 1 3/4" (44 mm) although some products can accommodate door thicknesses up to 2 3/8" (60 mm).

**Fire Ratings:** Many products have passed fire tests in wood and metal for use in commercial building applications. Testing has been passed in accordance with standards set forth by UL 10B (Negative Pressure), UL 10C and U.B.C. 7.2-1997 (Positive Pressure w/ Hose Stream). Some products have also passed tests in accordance with BS-476.22 (Positive Pressure w/o Hose Stream), in the U.K. All other positive pressure fire rated products ( UL 10C and U.B.C. 7.2-1997) have been evaluated to comply with the BS-476.22 (Positive Pressure w/o Hose Stream) standard by U.L. EN-1634 testing for 30/60 minute integrity and insulation is pending.

### **Door Louvres**

**Description:** May be identified as a louvre, grille, door grille or louvre grille.

**Shape:** Usually square or rectangular. Usually incorporates a perimeter frame on both sides of horizontal blades (core) that allows free air passage through the door louvre.

**Installation:** Sheet metal screws fasten the auxiliary frame to the louvre core thru the door cutout, saving time and labor cost. Thru bolts can also be used as a means of fastening on some models.

**Fire Ratings:** One model incorporates the use of a fusible link in an adjustable louvre that passes the requirements set forth in fire testing standards. Most louvre models are not fire rated.

### **Security Vision Panels and Door Louvres**

**Description:** Usually incorporates heavier gauges of steel and protective grilles or perforated lattice plates to fit over the glazing material or louvre blades to provide better protection against vandalism or heavy abuse.

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