

Steel doors

Over the years, Métalec has established a solid reputation in the steel door manufacturing area of expertise for commercial, industrial and institutional purposes.

The Métalec steel doors are offered in several sizes with a variety of designs and cores. They are also available with a 20, 45, 90, or 180 min. fire rating. A label is affixed on the product to certify the fire resistance period.

“PCR” SERIES

Technical details

- The doors from the “PCR” series have a temperature rise core designed to limit temperature rise on the non exposed door face up to 250° C, thus allowing the people being in the building to safely evacuate the area;
- The doors are designed and tested to provide a fire resistance period up to 3 hours (180 min.);
- The doors are provided with a label indicating the degree of temperature and duration of fire resistance: 250°F for 30 min. or 450°F for 60 min. (250°C for 60 min.);
- Essentially built as the “PS” series the “PCR” doors have a mineral fibre core approved by WHI laboratory. This core is laminated to the door faces by a polyurethane base adhesive.

STEEL DOORS

Options

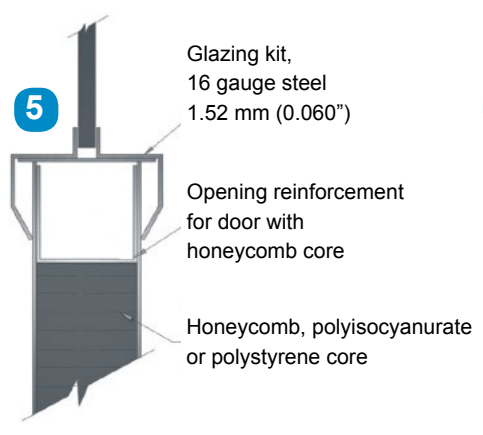
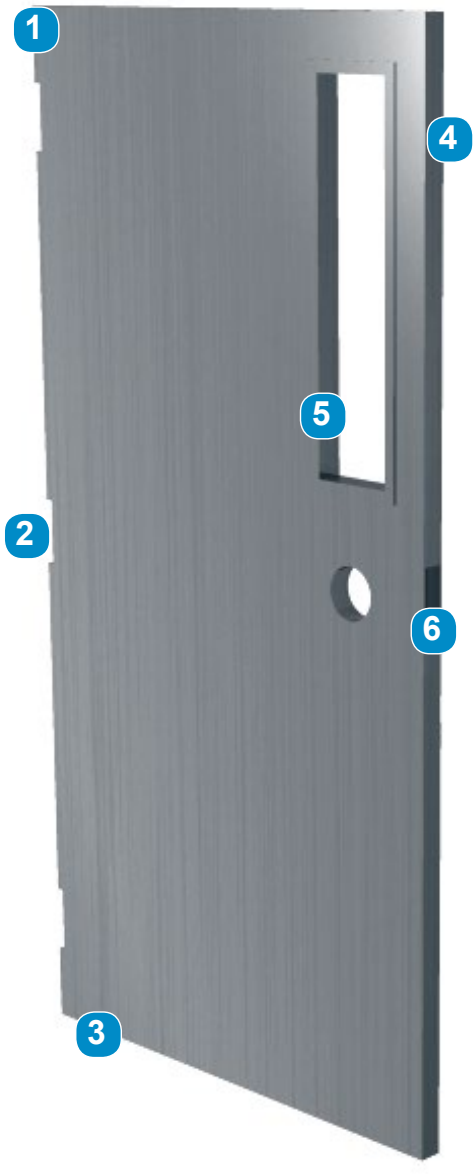
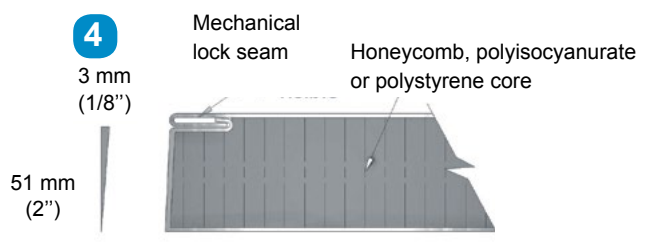
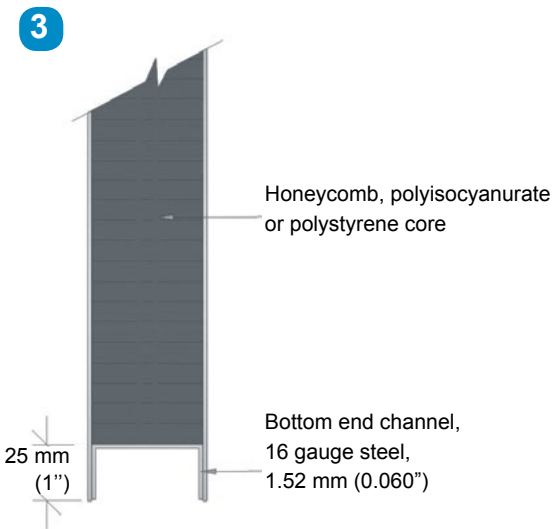
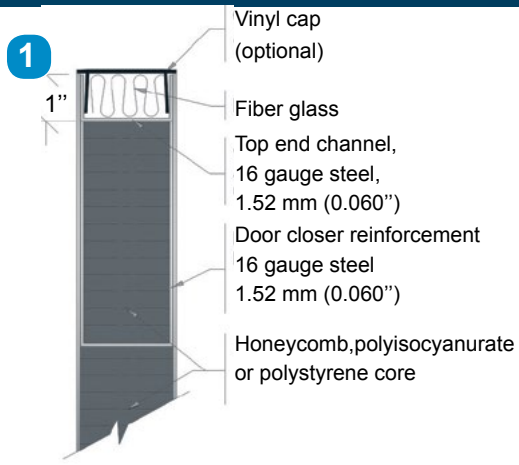
- All of these designs are also available in Z275 (G90) galvanized steel;
- Vinyl caps installed at the top of the doors for exterior openings;
- Steel caps installed at the top and the bottom of the doors;
- Mechanical lock seams welded at every 152 mm (6”) center to center grinded, filled with metallic paste, ground smooth and primed;
- Other hardware preparations are also available upon request.

Glazed openings

MAXIMUM LIMITATIONS OF GLAZED OPENINGS IN FIRE DOORS

- 180 min. fire rated door (no glazing allowed)
- 90 min. fire rated door (max. 645 cm² (100 in²) per door)
- 45 min. fire rated door (max. 8361 cm² (1296 in²) per opening and max. dimensions 54”)
- Several designs of doors with glazed openings are available and Métalec offers you different trim kits:

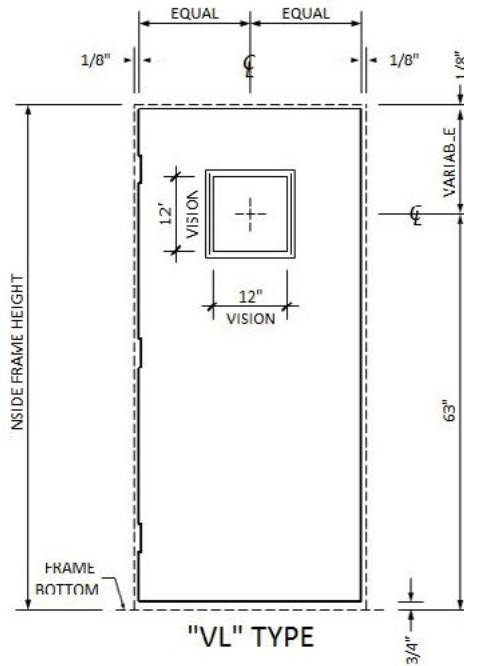
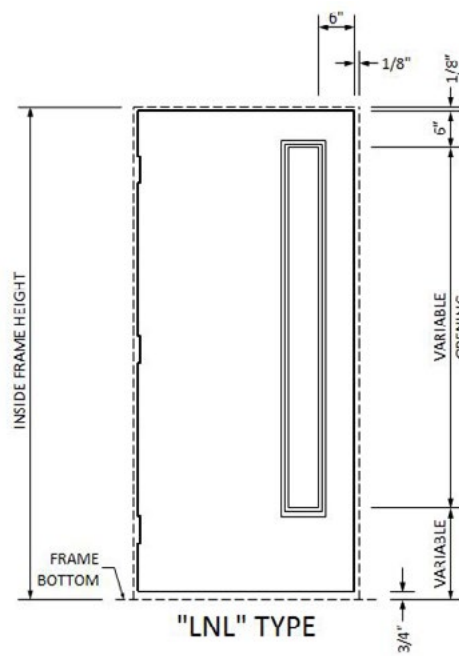
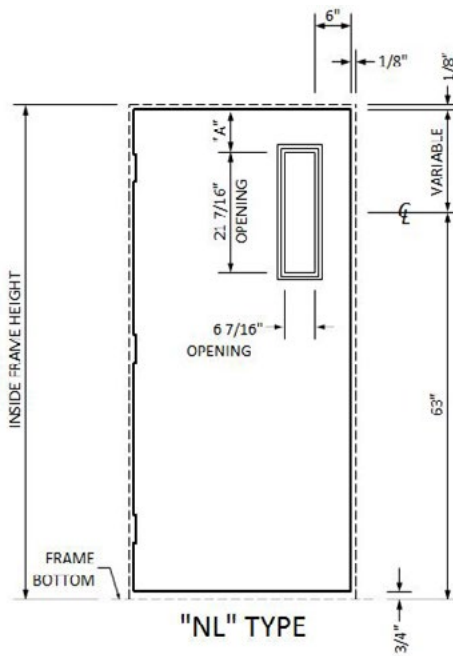
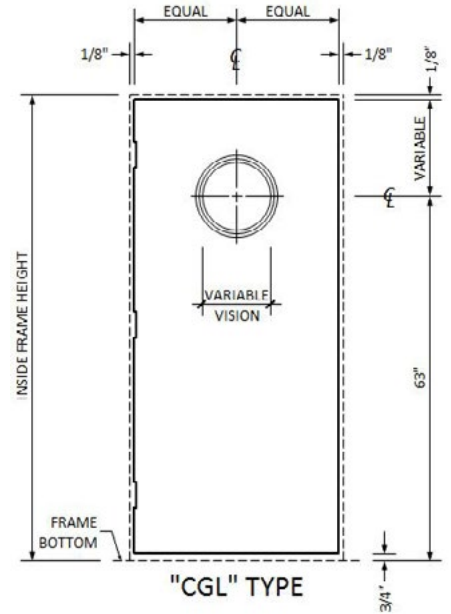
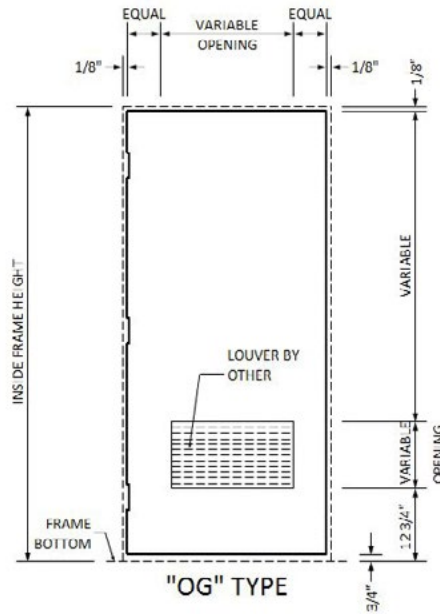
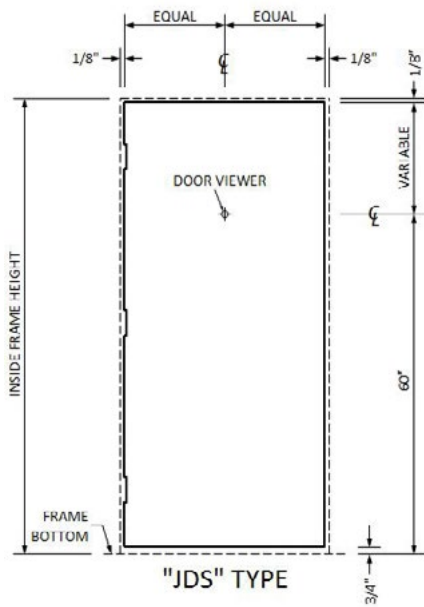
“NL” - “LNL” - “DNL” - “HG” - “FGWR” - “VL” - “CGL” - “FG” - “JDS” - “OG” type
(See Glazed opening types hereafter)



Steel doors

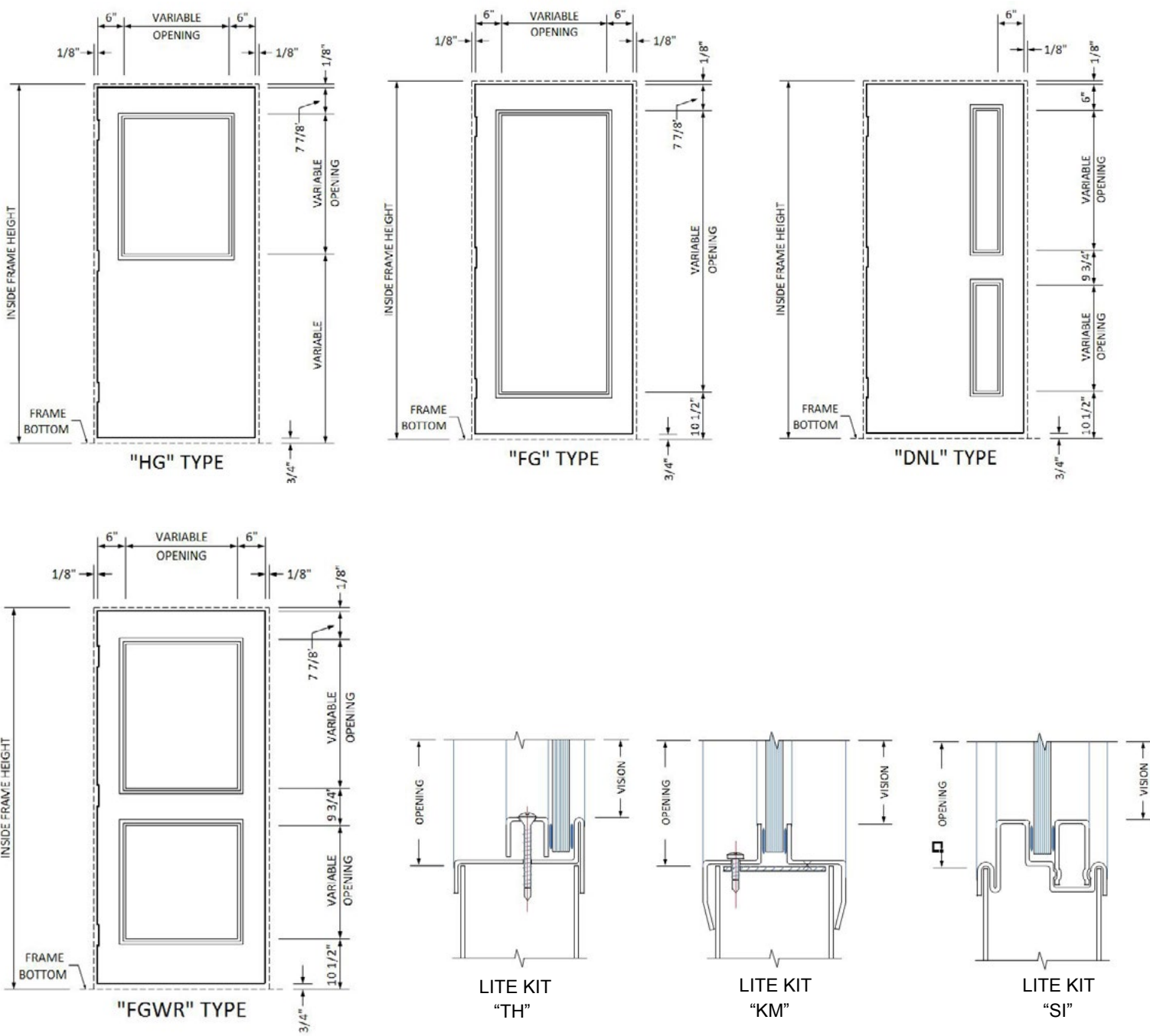
STEEL DOORS

Opening types



STEEL DOORS

Opening types (continued)



"TH" and "KM" available for 1/4" to 1" thick glass
 "SI" available for 1/4" thick glass only