

## IDENTIFY METAL DOORS AS PER DESIGN

### INTRODUCTION:

Steel provides the best long-term value in the door and frame industry. It lasts longer, requires the fewest repairs, and is durable than other products. Steel's natural strength also outperforms other materials in security, fire rating, sound reduction, vandal resistance, sanitation, and more. Hollow metal will outperform wood, aluminum, and fiberglass in demanding environments. Even when those other materials use special cores or other techniques, they are still unable to match the performance and longevity of hollow metal.

A beneficial byproduct of the strength and durability of hollow metal is the low total cost of ownership. Properly installed and maintained hollow metal doors often last 30 years or longer. As the years pass, steel doors can be inexpensively repaired in the field while softer, less durable wood and aluminum doors will have to be replaced.

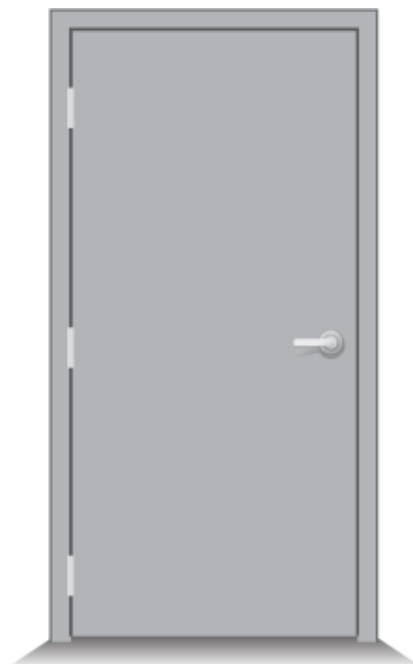
Today's steel doors offer endless options for attractive appearances. Whether you are looking for a modern stainless steel appearance, a vibrant colored finish, or even a faux finish, steel's versatility allows it to satisfy the aesthetic requirements of most projects. And don't forget all those advantages of performance and longevity!

Steel doors and frames even help the environment, as steel is the most recycled material

### TYPES OF COMMERCIAL HOLLOW METAL DOORS

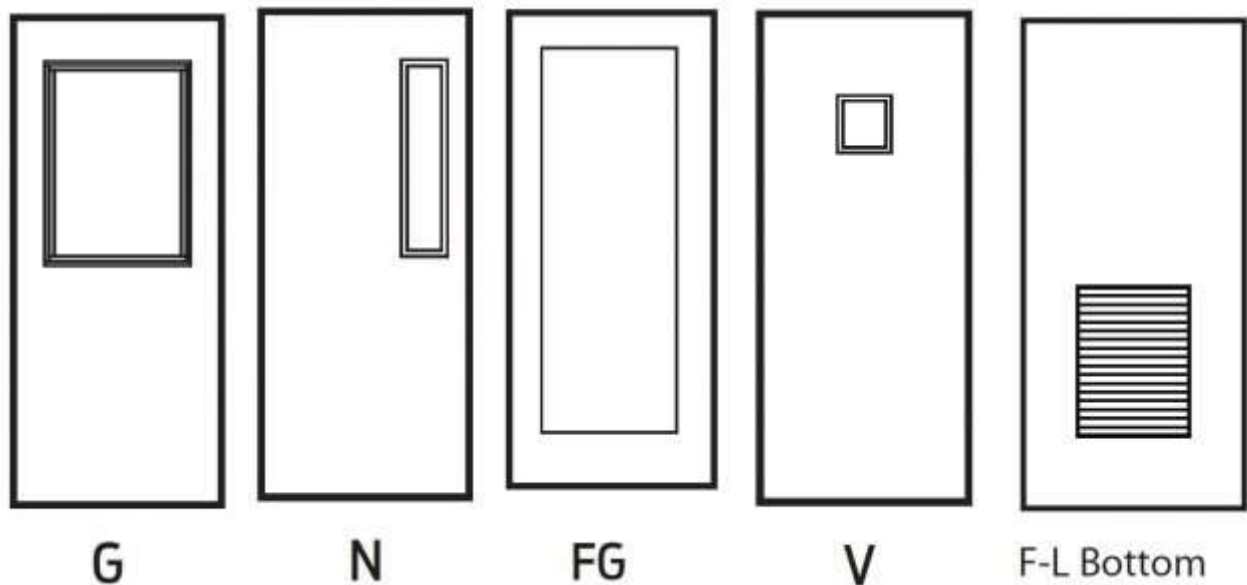
#### **1. Flush Hollow Metal Doors**

Flush [hollow metal doors](#) have a smooth face on either side of the door. Flush [hollow metal doors](#) are probably the most common elevation in commercial applications. It provides security and insulation as well as a clean finished appearance. A flush door can be [fire rated](#) up to 3 hours with the proper [core material](#).



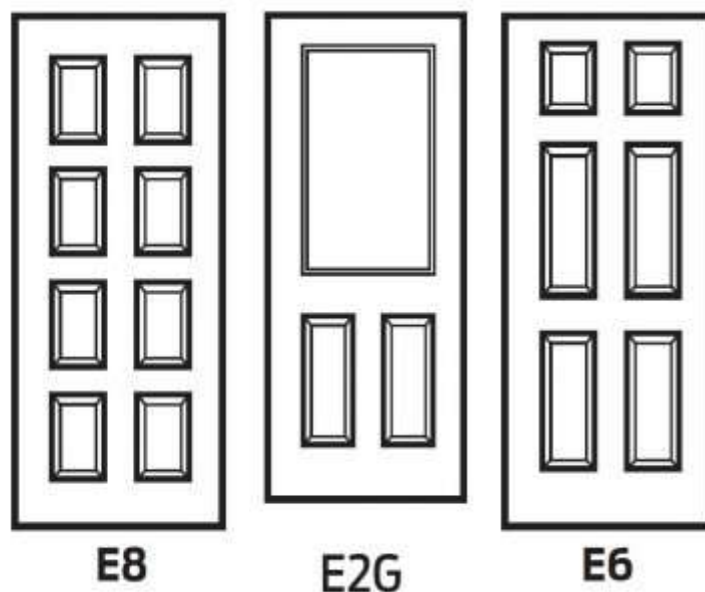
## 2. Hollow Metal Doors with Windows

Windows of various sizes can be cut into the [door](#) allowing light and visibility into a space. [Fire rated](#) hollow metal doors will have certain restrictions for glass size. Common elevations with windows, or [lites](#), include the half glass door (G), full glass (FG), narrow lite (N), and vision lite (V). [Hollow metal doors](#) can also have [louvers](#) installed to allow air flow through the [door](#).



## 3. Paneled Hollow Metal Doors

[Hollow metal doors](#) with panels are generally embossed on the face of the door. Embossed panels add an aesthetically pleasing appearance to the opening. [Hollow metal doors](#) can have any number of panels, depending on the manufacturer, but the 6-panel design is probably the most common. Embossed panels can also be used together with lites cut into the door (like the “E2G” type door below).



#### 4. Gaintech

Steelcraft offers a [hollow metal door](#) that provides the appearance of a [wood door](#) while also having the performance and durability of hollow metal. Gaintech looks like it has a wood grain and is stained at the factory to match other openings. Gaintech can be supplied with the typical [core options](#) such as honeycomb, polystyrene, and polyurethane.

