

How to choose a metal or stained-glass entry door

Everybody knows that the main function of entrance doors is house protection. That is why the front door characteristics must meet increased requirements of sound



and thermal insulation. The material for entry door manufacturing as well as exterior finish material must be stable and resistant to external impacts: the rain and snow, wind, temperature changes, UV radiation, etc. The desire to protect our homes from intruders increased the popularity of metal entrance doors installation. Entrance metal doors give the house inhabitants a sense of

luxury, comfort, calmness and security. They vary in size, manufacturing process and finishing elements, but all of them are associated with security. Perhaps, that is why some people call them armored doors. A metal door is so massive and strong that its external look reflects inaccessibility and safety.

Metal doors are divided into number of break-in resistance classes. However, metal doors don't provide complete protection from illegal invasion. Door breaking resistance is determined by the time that you need to get into the house. The practice shows that if metal entrance door has not been opened in 10 minutes, the attacker gives up his intension to enter the house otherwise his illegal actions will be detected. Therefore, metal entrance door should be more resistant to force impacts to ensure maximum safety. Safety characteristics depend on the door



structures and the locks installed. In addition, the metal entrance doors must meet certain fire safety, thermal and sound insulation. In order to comply with these special characteristics, metal entry doors are filled with mineral wool, penopropilenom, polyurethane or fiber-reinforced concrete. The safety classification of metal entry doors is divided into four classes. The first class of metal door safety classification means that it is enough to use physical strength and simple tools to open the door. The second class: special tools are required to open the door. The third class: expert

can't open the door with the help of instruments, including electric tools. And at least, the fourth class: the door is bulletproof.



In addition to technological solutions, much attention should be paid to the design of doors and accessories. Materials used for the door design differ in colors and textures: from powder coating up to fine woods. Metal doors have many varieties: rectangular or arched, single or double, with or without insert stained glass and other decorations.

A good door should be not only strong but also beautiful. Stained glass doors fully solve the issue of aesthetic component. And it does not matter whether you want to see the door deliberately luxurious or refined, restrained - stained glass door can meet all the needs. You can choose a style based on your personal preferences.

Jessy Lawkward for casalomadoors.com Toronto provider of stained glass doors.

Casa Loma Doors & Art Glass

1750 Steeles Ave W Vaughan, ON L4K 2L7

(416) 848-6913

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