



STRONGHOLD EXTERNAL ESCAPE DOORS

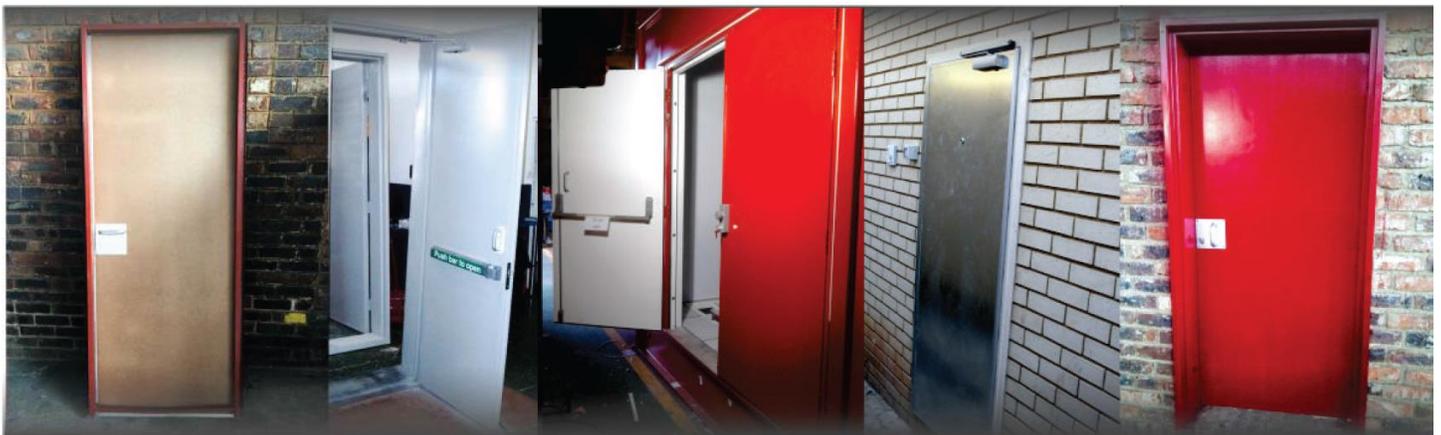
SANS Regulation stipulates that escape doors leading out directly into the open need not be Classed Fire Doors, however they must have approved escape hardware installed for quick and easy escape and doors must be protected against the elements, to avoid damage to the doors which hinders escape.

Stronghold makes use of a Solid Masonite Door which is clad with galvanized steel sheets on the external side. Full galvanised channels are fitted to the hinge side as well as the top and bottom of the door leaf. The leading edge of the door is fitted with a galvanised slambar/meeting stile which also acts as a deterrent for security purposes as it protects the locks. The galvanised sheeting glued down with a strong adhesive and channel surrounds and slambars are screwed on.

Doors can be galvanised on both internal and external side depending on the clients' requirements. We clad the doors with 0.8mm Galvanised sheeting and channels which prove to be most effective; however this can change depending on the specification required.

We can install these doors into an existing frame work on site or make up new doors and frames as a unit. When making up escape doors as a unit, we will always make use of a 1.6mm mild steel frame with a 25mm rebate (bolt-on or mortise lugs) with three brass butt or Stainless Steel certified hinges.

Ironmongery used on escape doors must allow for easy escape and is therefore fitted with: Panic Bolts, Pull Handle or Lever handles for Locksets with Thumbturn cylinders or Redlam Fire Bolts. Some inspectors are rejecting fire bolts as the glass breaks and is being replaced with unbreakable objects which defeats the purpose of the Fire Bolt. Doorclosers are often required on these doors as they need to stay closed in the event of a fire.



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