

## Steel Door Frames & Doors

### Roll-formed frames and steel door leaves for industrial and security use

Roll-formed steel door frames and steel door leaves for industrial buildings, plant rooms and security openings. Frames arrive knocked down or welded, and are built to take the ironmongery the opening specifies.

### Typical construction

|             |                                                                                                                              |
|-------------|------------------------------------------------------------------------------------------------------------------------------|
| Frame       | Roll-formed profile, 1.2 – 2.0 mm steel; knocked-down or welded; designed to be grouted or anchored into the wall            |
| Leaf        | Single or double leaf, hollow metal or insulated core, 40 – 55 mm thickness typical                                          |
| Fire doors  | Fire-rated leaves and frames are a certified product, tested as a doorset — the rating is not implied by the steel thickness |
| Ironmongery | Prepared for hinges, locks, closers and access control as specified                                                          |
| Finish      | Galvanised and painted, or primed for site finishing                                                                         |

### Standards referenced

EN 14351-1 (windows and external pedestrian doorsets — product standard) · EN 1634 (fire resistance and smoke control tests for door assemblies) for rated doorsets · EN 1125 / EN 179 (escape route hardware) where the opening is an escape route · EN 10346 (coated steel) · project specification governs the security and acoustic class

**Need a quote?** Send the opening sizes, leaf configuration, fire/security rating and ironmongery schedule.

zt-rfm.com · ztrollformmachine.com · +86 131 6656 7923 · steven@zt-rfm.com