

Ro-door 200 series >

Rotec offer the complete service from the design, to the manufacture and installation of individually made-to-measure high-performance steel-hinged doors. Unrivalled aesthetics, performance, and flexibility have become the hallmark of Rotec Security, ranging from personnel access, to energy efficiency and sound-reduction, both internally and externally.

Each door is custom-made to suit individual project requirements.



A resilient polyester powder-coat base primer on to a zinc-plated steel substrate reduces maintenance and improves the life of the finished coat. A factory-applied polyester top coat to most BS or RAL colours is available as an option.

Proven in a wide variety of buildings where safety, security and aesthetics are required.

Rotec Steel Doors are hard-wearing and designed to cope with high traffic levels.

Specifications:

Door Leaf

Our unique and carefully constructed door is finished to provide a 45mm thick flush-edge composite leaf (any other thickness is available upon request). Manufactured from 1.2mm Zintec steel (unless otherwise specified), double-skinned with interlocking seams reinforced vertically with interlocking channels, and horizontally with tubes to prevent twisting.

Frames

Manufactured from 1.6mm Zintec steel frames (unless otherwise specified) are formed to either a single or double rebate, and are reinforced and fitted with fixing plates. The depth of the frame can be varied to suit any brick, block, or steel work, or to span any cavity etc. As standard the dimension of the single rebate frame is 100mm x 38mm, and the dimension of the double rebate frame is 145mm x 38mm.

Infills

A choice of core infills are bonded into the door, whether it's honeycomb for strength, mineral wool for insulation and fire protection,

plasterboard for sound-proofing, or polystyrene block for reduced heat loss, our technical team can advise on the best infill for the application.

Threshold Options

A wide variety of low level thresholds are available for internal and external use, including DDA-compliant thresholds for wheelchairs.

Hardware

These versatile doors can be fitted with a vast range of door furniture to meet the most demanding specifications.

Fixing Arrangements

Installing frames to most types of applications is possible using a combination of fixings and frame designs.

Security Features

As standard at Rotec Security, the double doorsets have a unique integral meeting stile, giving added protection, and in conjunction with seals, a reduction in heat loss. Single doors have a full height integral astragal which gives added strength.

Door Configurations

Profiles:

Doorset profiles are made to suit any configuration; a varied combination of louvred panels, vision panels, over-panels and side-panels are available to suit the individual applications.

Vision Panels:

Standard or bespoke doorset shapes are sized to specification. Rotec can supply a wide range and variety of vision shapes. A maximum glazed area applies to the firedefend and securedefend doorsets but is generous enough to meet most needs. A wide range of single/double glazing is available.

Louvred Panels:

Steel louvres can be fitted in many standard and bespoke sizes. Bird and insect mesh is available as an option.

Over & Side Panels:

Any combination and size of side-panels and over-panels are available. Vision and louvred panels are also available within both the overpanels and sidepanels.

Speke Medical Centre

