



DOORTEK SOLUTIONS

INSULATED SECTIONAL OVERHEAD DOORS

DOOR PANELS

Each 610mm x 40mm thick panel is formed from two 0.5mm galvanised steel facing sheets, bonded together with a high density, fire resistant, CFC-free foam core. Top panels are trimmed to suit the opening height. Inside facing sheets are stucco-embossed with polyester finish or smooth with Platisol finish, in colours from our standard ranges. Panels can be factory painted on one or both sides to any RAL or BS colour. The tongue and groove joints have a factory-fitted compressible weather seal. U-value, allowing for panel joints, is 0.60W/m²K. Rubber weather seals are retained in aluminium extrusions on the top and bottom panels.

TRACKS AND HARDWARE

All tracks, support angles, hinges and roller brackets are manufactured from heavy gauge pre-galvanised steel. The track arrangement is designed to suit project requirements. A PVC weather seal is fitted to each vertical track assembly. Standard 2" nylon guide rollers give smooth, quiet operation. A galvanised steel shootbolt is fitted as standard at one side of the door. Push-up doors have a lifting handle fitted in the bottom panel.



COUNTERBALANCE

The fine balance of each door is achieved by tempered helical springs carried on a bright steel shaft which is mounted in self aligning sealed ball bearings, secured to the building structure over the opening. The weight of the door is carried by two aircraft-quality steel cables, wound onto a cable drum mounted at each end of the shaft.

MANUAL / ELECTRIC OPERATION

Doors up to 12m² can be push-up operated. Over this size, manually operated doors are supplied with a chain hoist with reduction gears and zinc plated hand chain. Standard electric operation includes a 3-phase operator with push button control and low-level emergency hand chain.

OPTIONS INCLUDE

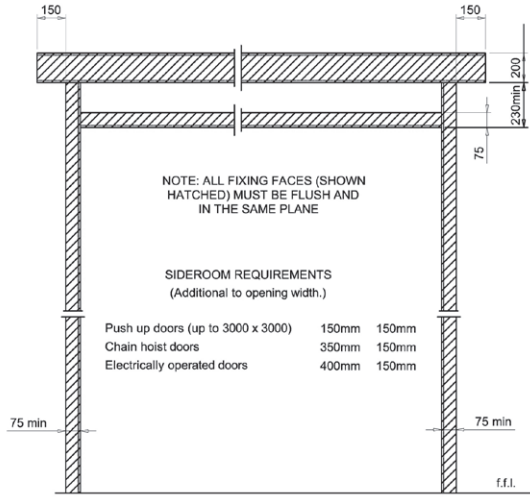
- Integral hinged personnel access door with cylinder lock, lever handles and overhead closer.
- Double glazed acrylic windows.
- Inside / outside key-operated lock.
- Special electrical equipment (eg single phase operator, safety devices, induction loops, radiocontrol etc).

Doortek Solutions

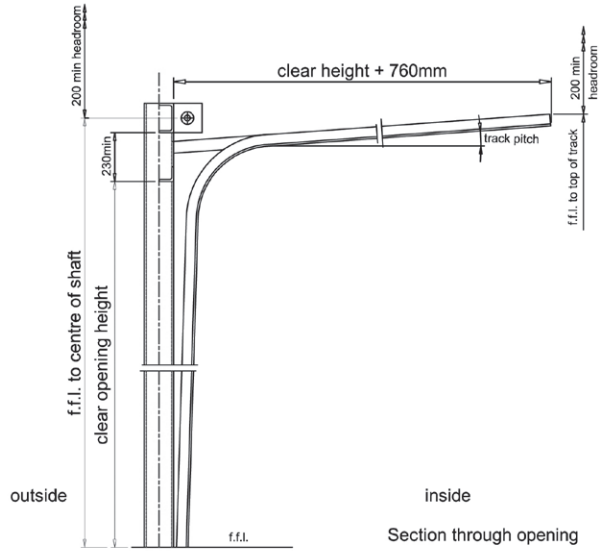
T: 0121 557 0611 / 0121 557 2202 F: 0121 520 1233
info@doorteksolutions.com www.doorteksolutions.com

TRACK ARRANGEMENTS & CLEARANCES REQUIRED

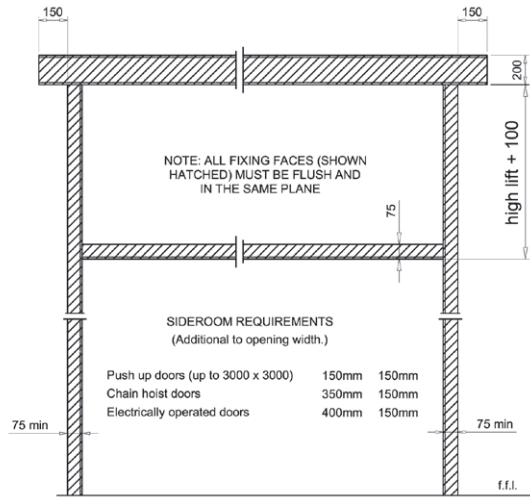
STANDARD LIFT



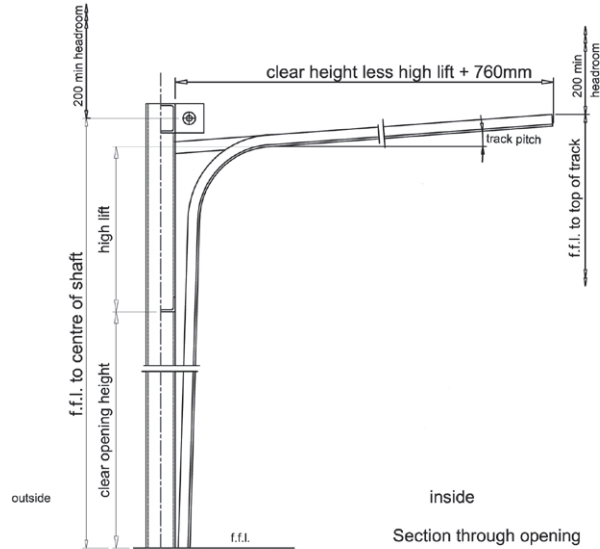
Elevation from inside building



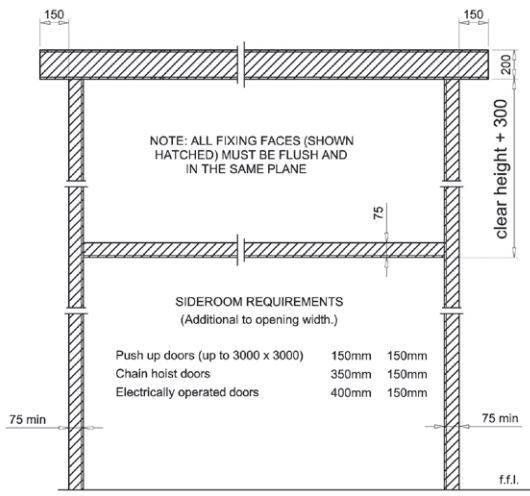
HIGH LIFT



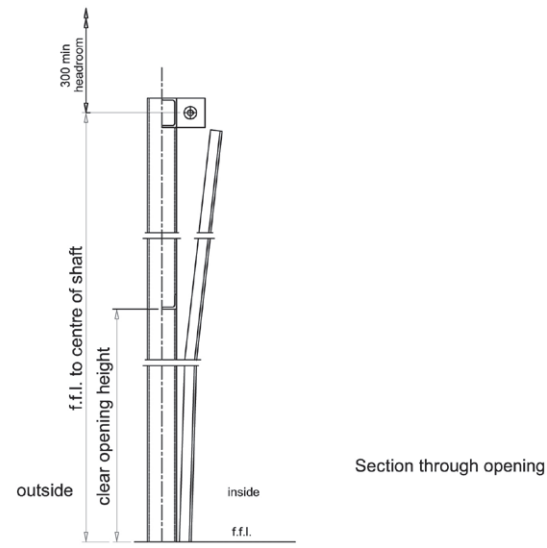
Elevation from inside building



VERTICAL LIFT



Elevation from inside building



The sizes referred to in this leaflet are for standard construction doors. Dimensional requirements for larger doors may differ. Our policy is one of continuous product development and we reserve the right to vary product specifications indicated on this leaflet.