

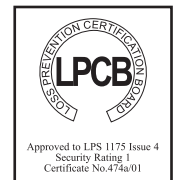
TRELLIDOR

TECHNICAL SPECIFICATION SHEET

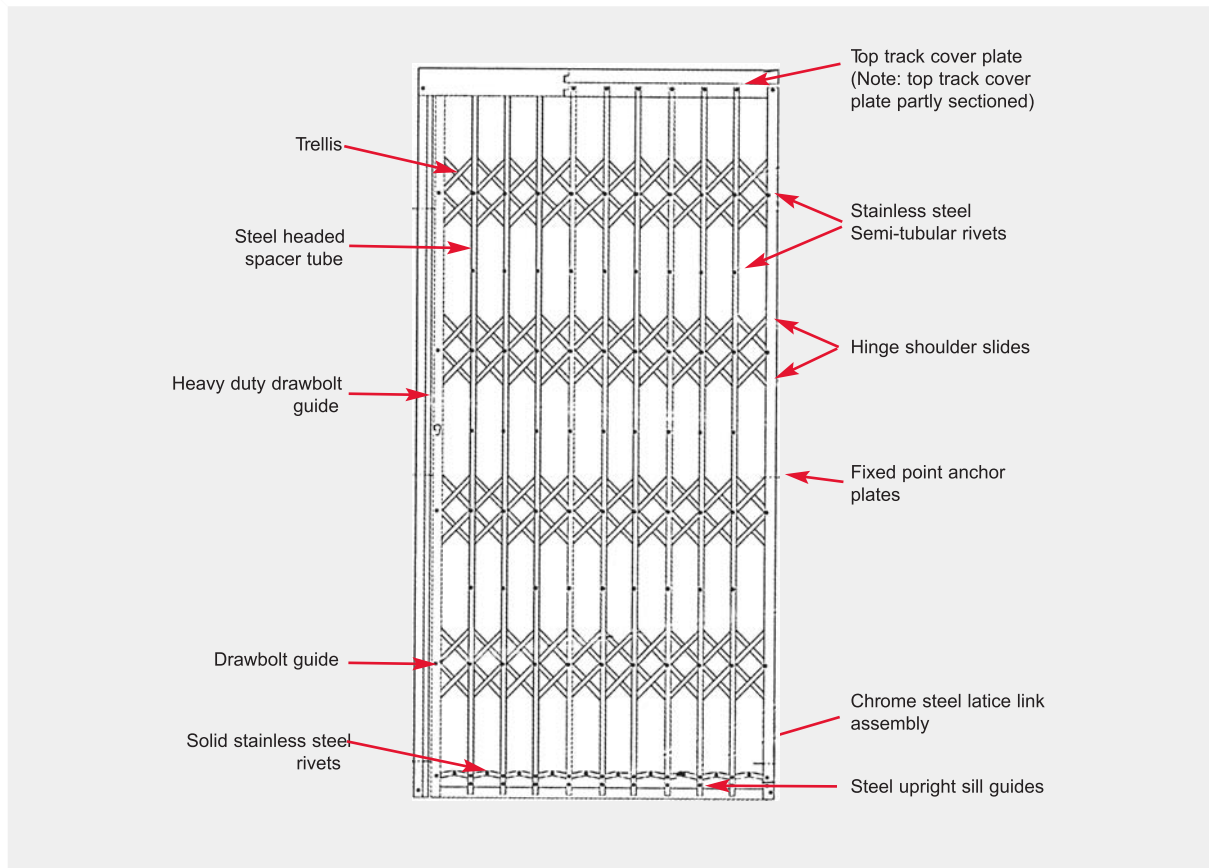
Fitzpatrick Trellidors provide a strong and visual deterrent for security of merchandise. Trellidors have thwarted intruders by preventing access or delaying entry, affording response teams the time to react. The attractive colour range will enhance the shop's appearance and even when closed, display goods are clearly visible.

In shopping malls with a controlled environment, Trellidors can be used in the place of glass shopfronts providing potential savings in installation costs and staffing levels. Corner posts are not necessary allowing almost total access when required.

- Level 1 insurance approved
- Visual security with full visibility
- Finished in polyester powder coating
- Ease of operation
- Two point locking system
- Available with removable bottom rack



Trellidor Plus is accredited by the loss Prevention Certification Board to Level 1 and all Trellidor products are manufactured in accordance with ISO 9002 standard



Description

A fully framed security barrier constructed with a trellis design, positively located within a securely anchored frame, suitable for applications where access is required and fixed applications (where no access is required). Trellidors are top hung to ensure smooth operation, with low friction and minimal maintenance.

Frame Components

Constructed from hot dipped and mill flattened galvanised steel roll-framed to lipped channels. Edges are rolled back 180° to eliminate sharp edges, increase strength in the channel and improve resistance to corrosion. When assembled the frame is connected together by means of uniquely designed components.

Trellis Sash

Constructed from hot dipped and mill flattened galvanised steel roll-formed to a U channel. Edges are rolled back to 180° as above. The uprights are assembled into vertically opposed pairs, rigidly connected to one another using uniquely designed connectors. The trellis links are of a similar construction and cross a minimum of three upright

pairs to maintain proportional spacing at all times. Dependent upon height, the rows of such linkages will number from 1 row on smaller units to 5 rows on larger units.

Bottom Track

Manufactured from structural grade anodised aluminium extruded to a unique shape which secure the trellis sash. The design prevents the accumulation of dirt. Optionally, a lipped channel as described under Frame Components (above) can be utilised. (Usually in window and special door applications.)

Hinge-Away

The inclusion of a heavy duty hinge mechanism into the single or double Trellidor allows the door stack to be swung away giving wider access through the reveal.

Hinged-Up

The hinge assembly for the bottom sill enables hinging of the track up into the vertical position, thus leaving the floor area clear of any obstructions.

Assembly Components

Steel components are assembled by means of custom designed components injection moulded from Polyamide 6 (engineering grade nylon). These are fixed together by means of specially designed, non-pivoting rivets.

Locks & Cylinders

The Trellidor has a variety of unique options. These have been designed to provide maximum security for a variety of applications and use.

Coach Screws

All application are secured by Trellidor's unique tamper proof "coach screws". The specialised screw head can only be extracted with a Trellidor drive socket.

Finishes

All steel components undergo a multi-stage chemical pre-treatment including phosphating prior to being powder coated. Quality polyester powder, with ultra violet inhibitors, is applied electrostatically.