

NBS Specification

Delta Steel Folding Shutter Door

Manufactured from 230mm galvanised ribbed steel leaves with patented one-piece picket, lattice assembly and heavy duty steel leading edge. Door unit is supported by steel roller bearings in the top track and is guided by a galvanised bottom channel. Supplied complete with 260mm wide soffit, pull handles, hasp and staple to receive user's own padlock, brush strips fitted to bottom of leaves.

Standard details for Delta Folding Shutter Door:

- Manufacturer: Gilgen Door Systems Ltd
- Product Reference: Delta Steel Shutter Door
- Arrangement:
 - Single door between jambs
 - Single Door, inside reveal
 - Single door, outside reveal
 - Paired door between jambs
 - Paired door, inside reveal
 - Paired door, outside reveal
- Bottom Track
 - M profile galvanised steel - standard
 - Heavy duty with retention bolts
- Door Leaf:
 - Inserts
 - Not required
 - Personnel access door – Manually operated doors only
 - Vision panels
 - Finish
 - Galvanised steel as standard
 - Plastisol coated
 - Polyester power coated
 - Operation
 - Manual
 - Electrical with slipping torque clutch
 - Electrical with track mounted limit switches
- Ironmongery:
 - Five-lever brass hook bolt
 - Heavy duty hasp and staple – standard
- Castings:
 - Galvanised canopy
 - Side closure flashings

Guidance for Delta Steel Folding Shutter Door

As standard

- Weight of whole door assembly: 30kg/m².
- Leaves can be removed and replaced without dismantling the shutter.
- Resistance to wind load: BS EN 12424, Class 5.
- Motor and control: Environmental ingress level, IP54.
- Motor Drive duty rating: Class S3 - 60%.
- Top track: 60 x 75mm tubular galvanised steel.

Options

Arrangement

- Single door, maximum dimensions (w x h): 10175mm x 6000mm - larger sizes possible for internal applications, subject to application.
- Double door, maximum dimensions (w x h): 20350mm x 6000mm - larger sizes possible for internal applications, subject to application.
- Inside reveal (IR) where the door is fixed to the inside and the bunch is fixed behind the jamb-Standard.
- Outside reveal (OR) where the door is fixed to the outside and the bunch is fixed in front of the jamb.
- Between jambs (BJ) where the door is internally fixed to the lintel and the bunch is fixed between jambs.

Finish

- Galvanised steel.
- Plastisol coated steel in a range of standard colours.
- Polyester powder coated steel in a range of standard colours.

Operation:

- Manual: Push/ Pull handles mounted on leading edge of door bunch.
- Electrical with slipping torque clutch: High level, track mounted, geared drive unit connected to 'endless' roller chain and the leading edge of the door assembly. Supplied with low level, wall-mounted, push-button starter, to be mounted within line of sight of moving door. Emergency manual operation by disconnecting the motor drive chain from the leading edge.
- Electrical with track-mounted limit switches.

Casings:

- Galvanised canopy to cover the head of the shutter for external doors.
- Side closure flashings.

Vision panels:

- 102 wide x 230 mm deep clear toughened glass in alternate leaves within the door, retained by black rubber gaskets.

Ironmongery:

- Heavy duty hasp & staple, fitted to inside of the leading edge profile to accept user's padlock.
- Five- lever brass hook bolt lock, face fitted internally to leading edge to accept user's padlock.