

Specification

SS 600 and SS 500 Sectional Overhead insulated Doors

Panels:

The door is formed from insulated panels 600mm/500mm deep x 40mm. thick. The core is 39mm. thick rigid polyurethane foam, density 40kg/m³.

The outer skin is finished in embossed galvanised steel and coloured to match most contemporary buildings cladding

The internal liner skin is finished in RAL 9010 white, polyester powder coated, stucco embossed, galvanised steel as standard.

Insulation and acoustics:

Security Shutters insulated sectional overhead door panels have a thermal performance that is greater than required for current building regulations.

The SS 600 and SS 500 additionally give sound reduction of (Rw) 25db

(Please note; this is for the panel only and does not include joints, i.e. a fully insulated door)

Head shaft:

From mild steel carrying helical, tensile steel torsion springs, operating profiled aluminium lifting cones allowing fine adjustments to balance door weight.

Motor/Gear units:

Typically, hollow shaft drive units, either single or three phase to suit site circumstances fitted directly to head shaft. Control by three button starter wall mounted.

Guide tracks:

From galvanised steel section mounted on galvanised steel support angles.

Guide track lift options: Standard lift tracks High lift track Vertical lift track Low headroom lift track.

Cable-break and spring-break brake devices: Are fitted as standard to conform to EN 13241-1:2003 Safe working of machinery act. (Down forces).

Guide wheels.

Nylon covered roller bearings on steel support shafts.

Lifting cables.

Galvanised steel cables, diameter to suit weight of door.

Panel options and additional extras:

A range of windows in various sizes can be incorporated within the panel, the standard being 600mm X 300mm.

Wicket personnel doors can be incorporated within the main door offering an aperture of 1800mm X 800mm supplied with cylinder type locking.

Remote controls operation

Safety sensors - Safety sensitive edges

Ground loop safety control and exit options