

S Door

Technical Specifications



www.hag.co.uk
Advice Line 0800 072 3444

S Door



Description

Vertical Opening Sectional Door

Common use

Industrial

Maximum Width

8000mm x 6000mm

For further information about this product please call the HAG advice line on 0800 072 3444 or email info@hag.co.uk

Panels

610 mm deep x 40 mm thick composite panels manufactured

using 0.5 thick hot dipped zinc coated (to BS EN 10147) steel internal and external facing sheets, each with a class 1 surface spread of flame when tested to BS 476:Part 7:1971.

These sheets are bonded together using a CFC free foam which has a density of 40kg/m³. The panel itself gives a “U” value of 0.45 W/m² K, meaning that a typical 5,000 x 5,000 wide door has a “U” value of 0.6 W/m² K, and has a formed tongue and grooved hinged joint incorporating a neoprene seal running the full length of the panel to give excellent weather resistance.

The panel also has a single figure weighted sound reduction of [Rw] 25 dB.

Door Head Gear

Sectional doors are counterbalanced to ensure the smooth running of doors, using minimal effort.

All counterbalance spring calculations carried out by HAG are done to get the maximum life out of the door springs we manufacture (most typical loading dock doors are calculated to a minimum 50,000 cycles). The springs are high tensile helical wound steel; these are heat treated for improved performance. The springs are mounted on a steel shaft supported by bearing brackets incorporating sealed bearing rollers, this ensures free running of the shaft. Also mounted on the spring shaft are the cable drums, these carry the aircraft quality cables which have a 7:1 safety factor. These are looped and swaged using a hydraulic press to ensure the cables do not get detached from the cable drums or the brackets which connect the cables to the bottom of the door panels. Spring break devices are fitted to doors to comply with CE markings.

Panel Options

Plastisol XL200 forte or polyester coating to the external face in an extensive range of colours, internal RAL 9010. Factory paintfinish to either internal or external face to any BS or RAL colour. Aluminium panels Unit identification numerals & corporate decals (factory or site applied).

Panel Hardware

The roller carriers are adjustable and, along with the intermediate panel hinges, are hot dipped galvanised steel. The rollers which run in the side track are sealed for life self lubricating bearings c/w a nylon tyre, to give smooth and quiet operation, and mounted on a zinc plated steel shaft.

The new design HAG vertical lift loading dock door needs no adjustment as it is sealed directly to the seal connected to the side fixing angle.

Guide Tracks

The door tracks are galvanised steel ‘J’ type (designed to give free and easy running for bearing rollers). These are mounted on a galvanized steel jamb angle, for fixing purposes, via HAG unique stud welding system which ensures the most effective seal to the building as the tracks need no adjustment on site. Cable brake devices fitted to all doors to comply with CE markings.

Guide Track Options

Guide tracks are individually manufactured to suit site conditions, taking into consideration door size, headroom and roof pitch, see 'options' section for details.

Seals

All HAG sectional doors are fully perimeter sealed, as well the intermediate panel seals, to provide the most effective weather seal to your door assuming all fixing faces, floors & lintels are flush & square.

Operation

HAG offer a range of manual & automatic operations, including a large number of safety features as options.

Other Options

As you would expect, HAG offer a massive range of optional extras including but not limited to - Double glazed windows, Integral personnel doors in main door, Door safety furniture.

Product specification may change and it is advisable to consult with [HAG technical advisors](#) before specifying or ordering. HAG operates a policy of continuous improvement.
