

## Panelled Roller Shutter

**ZENITH** Custom made roller doors are made of press formed profile panels of hot dipped galvanised or plastisol coated steel, lock seamed to form a rigid continuous curtain of steel. The curtain design not only combines a quieter operation with strength but also allows for the addition of thermal and acoustic insulation as well as large clear Vision Panels.

**GALVANISED GUIDES** complete with nylofelt are used on all doors and additional stainless steel band on the larger doors eliminates the need for greasing which saves on maintenance and is essential in applications such as the food industry.

**WEATHERSEAL** is fitted to the bottom rail on all doors as standard which, subject to being fitted to a level floor, helps provide a seal to reduce ingress of foreign elements. Stepping, or sloping, of threshold is recommended. Weatherseal can also be fitted at the head of the opening.

### Operation

**MANUAL** - Hand Chain is normally provided with a shoot bolt and chain keep – both of which are suitable for padlocks. Alternatively self coiling operation is available on smaller doors.

**POWER** – Provide by Three Phase or Single Phase Motors complete with chain for emergency operation and starter for wall mounting. Variable operations/controls are available on request. The standard power operational speed is 18 metres per minute (.30M per second). We also offer a 'Fast Speed' door which is available at 27 metres per minute (.45M per second) to minimize heat loss through door usage.

### Optional Extras

**PLASTISOL COLOURCOAT** is available in a range of more than sixteen colours and besides being a better protection against the elements it can work out to be more cost effective than painting 'in situ' a normal galvanised door. Plastisol is applied to the galvanised steel substrate and has an embossed leather grain surface textured finish. The reverse side coating is a specially formulated two coat protective system of corrosion resistant primer topped with a heat cured high performance polyester.

**WICKET GATES** can be fitted to provide personnel entry where there is no other access into a building. Standard door size 600mm wide x 1800mm high fitted with a yale type lock. The door opens outwards and its frame hinges inwards 90 degrees to allow operation of the Rolling Shutter door. Floor levels must be true to accommodate this facility.

**VISION PANELS** 560mm wide x 190mm deep made from Lexan and are permanently sealed with a weatherproof gasket.

**INSULATION** Can be provided with thick polyurethane foam sealed layer which is laminated to the inside of the door to give a 'U' Value of: 0.59W/M<sup>2</sup>C

