



Sliding Tracked Gate

Secures a maximum aperture up to 35m, bespoke available.



Sliding Tracked Gates are designed to run on a track installed in the roadway and are able to secure wide apertures. The trackwork is cast into the concrete foundation which is poured in two stages. The track is bolted down to the first pour concrete and the second pour brings the level up to finished road level. The track is normally 5mm below finished road level.

100% duty rating - designed for continuous & frequent use. Power is supplied from a single phase 230V supply.

Typical operating speed of 225-500mm/second*, depending on configuration.

Safety control systems: Vehicle detector loops, safety photocells, ultra-sonic sensors and safety edges are available. Accessories: Signage, audible alarms and flashing beacons.

Access controls: A wide range of access control systems are available.

Finish. Various options available, including: Shotblasted hot zinc sprayed, primed & finished with a final coat of polyurethane paint. Client to advise RAL paint number.

This process provides a 20-year corrosion protection system for exterior, industrial polluted inland sites to BS5493, 1977 (Revised 1984). Alternatively, acid dipped then hot galvanized.

Various infills available including bar, weldmesh, sheet, and bespoke such as wood and ornate.

**This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453*



Applications: Banks | Depots | Cargo parks | Ports |
Airports | Car Park | Warehouses | Delivery entrances |
Industrial & Commercial Premises | Large road widths



Features

- Instantly Reversible
- 100% Rated Motor
- Single phase (inverter converts to three phase)
- Override switch
- Security lock on door
- Switched fuse supply double pole isolator
- Mains failure indicator lamp
- Earth bonded door
- Easy accessible fuse unit
- Motor protection

Construction

The gate leaf is a fully welded construction of rectangular hollow section, low carbon steel to BS4848 Pt.2. Post size: 80x80mm/100x100mm dependent on gate size.
Infill - various infills available, including bar, solid sheet, weldmesh, etc. Standard bar infill: Vertical 50mm x 25mm ERW bar infill at approximately 180mm centres, backed by 8 gauge x 50mm square galvanised weld mesh, painted to match.

Minimum length of runback track:

For gate apertures of 8m: Runback = Aperture + 1.5
For gate apertures of 8m+ Please contact the Technical Sales Department on 01293 422800

CIVIL REQUIREMENTS

Gate leaf Foundation - L: Runback length + 400mm
x W: 1000mm x D: 300mm.

Receptor Post Foundation

L: 600mm x W: 1000mm x D: 300mm

(Note: Power and control wiring ducts to be incorporated into foundations)

ELECTRICAL REQUIREMENTS

6 amp, 3 wire, 230v, 50hz, single phase