



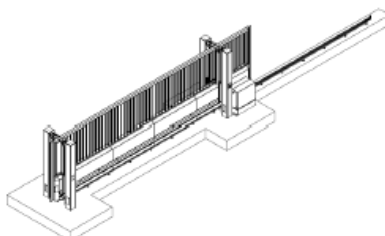
## Product Data Sheet

Tracked sliding gate designed to stop all threats - certified M50 ASTM 2656 – 07  
M50 P1 and PAS68

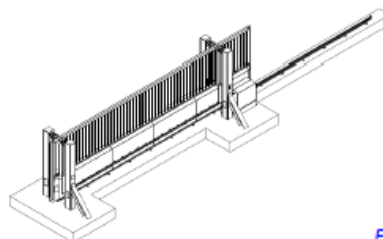
The unique design of the Tracked Gate M50 affords true bi-directional impact protection and is therefore ideal for all critical infrastructure applications. It has obvious applications ranging from correctional facilities, critical defence sites, courts, airports, refineries, embassies and many other designated high risk areas.

The gate boasts a tracked design complete with un-rivalled reliability. Therefore the system is capable of high speed opening and closing times for large opening widths that are impossible with other drive principles.

ASTM F2656-07



PAS 68:2010



From



Bishopsgate

**Impact Load:** ASTM F2656-07: 1699 kJ (6.8 t @ 80 km/h) PAS 68: 1852 kJ (7.5 t @ 80 km/h) Crash test certified according to ASTM F2656-07 M50/P1 and PAS 68 V/7500[N3]/80/90/0.0/4.3 (tested with 7 m CWO) respectively.

**Clear Width of Opening** 3.0 m, 4.0 m, 5.0 m, 6.0 m and 7.0 m  
**(CWO):**

- **Blocking Height:** Gate height incl. 100 mm clearance: 2000 mm, 2500 mm and 3000 mm
- **Clear Width** Clear opening width + 200 mm **between Posts:**
- **Frame Width:** Clear opening width + 2308 mm
- **Gate Infill:** Bar infill made of square hollow section SHS 30 with max. 120 mm clearance (standard), special infill on request

**Ground Track:** S10 to bolt onto top edge of foundation, top of rail 20 mm above finished floor level

**Foundation Depth:** 400 mm (shallow foundation)

**Foundation Top Edge:** 100 mm below finished floor level

**Emergency Operation:** Manually after disengagement of motor by clutch lever during Power Failure:

**Operating Speed:** up to 0.4 m/s (EFO speed up to 0.8m/sec)

**Drive:** 1.1 kW, 400/230 V (three-phase), 50 Hz

**Control Unit:** PLC in control box installed in drive unit housing, control voltage 24 V

**Control Box:** H x W x D: 600 mm x 400 mm x 200 mm, IP66

**Applied Standards:** DIN EN 13241-1 Industrial, commercial and garage doors and gates - Product standard - Part 1 EC Machinery Directive (2006/42/EC) EMC Directive (2004/108/EC) Low Voltage Directive 2006/95/EC

**Weight:** Approx. 4660 – 6890 kg (depending on CWO and gate height)

**Colour (Standard):** RAL 6005 – moss green, RAL 7016 – anthracite grey, RAL 7030 – stone grey RAL 7035 – light grey or RAL 9010 – pure white

**Colour (Optional):** All other RAL colours or DB colours

**Temperature Range:** -20°C – 45°C



**Bishopsgate Int (Nig) Ltd**  
52a Campbell Street  
Lagos Island CBD  
Lagos State 100221

Tel. +234 (700) 247-4677-4283  
Email: [sales@bishopsgate-nq.com](mailto:sales@bishopsgate-nq.com)  
Web: [www.bishopsgate-nq.com](http://www.bishopsgate-nq.com)