



Benefits

- This automated bi-fold gate is capable of blending seamlessly with any building, or site perimeter, remaining outwardly similar to a non-crash tested
- Trackless Bi-Folding Gate
- Shallow foundation 330mm (plus surface finish)
- Fibre Technology
- Trackless
- Smooth and quiet
- Opening and closing in approximately 8-9 seconds. Add 3 seconds for locking pin.
- Power 240v 16amp
- It is fully capable of continuous operation - 100% duty cycle
- Ideally suited to shallow and/or utility-congested substructure
- Zero site penetration
- Fully functional after impact
- Variable heights available



The Terror Stopper PAS68 bi-folding gates have been successfully tested at 40mph and 50mph with a 7.5T (N2 and N3) vehicle respectively. The arrestor system has been produced to the lowest penetration classification in its class. With shallow foundations and extremely low penetration, both products provide a superb engineered solution for hostile vehicle mitigation.

Independently tested to PAS68 Classification to 7.5T (N2) @ 40 mph (64kph) PAS68:2010 V/7500(N2)/64/90:0.8/0.0 and Crash Tested to 7.5T (N3) @ 50 mph (80kph), PAS68:2010 V/7500(N3)/80/90:0.7/0.0. Successfully impacted PAS 68, stopping a 7.5-tonne vehicle with zero penetration and remaining fully functional after impact.



Installation

The gate is supplied from the factory as a complete assembled tested unit. Both the 40mph and 50mph products have the same foundations with a depth of only 380mm. For a clear opening of 4.2m, the base dimensions are approximately 5.6m x 2.6m x 0.38m.

Construction

Steel construction, galvanised and powder coated to a standard RAL colour. Vertical bar infill with options of different mesh and security topping available.

Dimensions

The gate is tested for a clear opening of 4.2m and can be manufactured for heights up to 5m. Outside dimensions over the posts are 4.8m and allowing for control cabinets is 5.4m. The overall height for the gate at 2.4m is approximately 2.8m allowing for the base frame.

Drives & Controls

The gate is hydraulically driven with a bespoke power pack and cylinder producing a smooth quiet operation with few moving parts. The gate has a powerful PLC with built-in diagnostics and programmable inputs and outputs that can provide numerous options depending on client requirements.

Electrical Supply

The gate requires a single phase 240volt 60Hz 16amp supply.

Safety

The gate comes as standard with CAT3 safety edges and a light curtain that protects the threshold. Additional options include laser safety devices to protect zones. This device can also be used to produce an alarm output should someone be in the vicinity of the gate when it is closed. The control panel also has a dual channel loop card compatible with safety induction loops if required.

Maintenance

Gate servicing recommended twice per annum

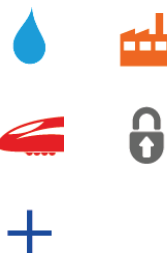
Operation

The gate is powered by a hydraulic power pack that also controls the locking pin. Typical operating times are 8-9 seconds after allowing the pin to raise and lower. The gate is very smooth and quiet with exceptional control in both directions. In the event of a power failure, the gate has a full manual override system.

Specification

Infill:	Vertical Bar or Mesh
Operating Speeds:	Dependent on automation type
PAS 68 Result:	PAS68:2010 V/7500(N2)/64/90:0.8/0.0 OR PAS68:2010 V/7500(N3)/80/90:0.7/0.0
Gate Height:	Minimum of 2800mm for a 2.4m high fence (available up to 5m)
Gate Width:	Tested to gate opening width of 4200mm
Gate Type:	Bi-Folding Speed Gate
Civil Requirements:	Minimum Foundation depth of 380mm
Electrical Requirements:	2240v 16amp

Applications



Drawings

DWG and PDF drawings available from our website www.zaun.co.uk/drawings

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