



Terra G8 Cantilevered Gate

IWA 14 – 7.2t @ 64kph

Hostile Vehicle Mitigation Sliding Gate

Terra G8 was successfully impact tested to the new International IWA 14-1 specification, stopping a 7.2t vehicle travelling at 64kph (40mph), within the aperture.

The sleek Terra G8 can secure entrances of 8m plus, providing Counter Terrorist protection for wider access points and the flexibility to suit individual site requirements.

- Maximum width: 8000mm
- Minimum height of 1200mm
- Maximum Height 3000mm
- IWA 14 Tested dimensions: Width 8000mm, Height 3000mm

The IWA 14 Terra G8 Cantilevered Gate is a PSSA Verified product. The Perimeter Security Suppliers Association has introduced a verification scheme to provide confidence to clients of the perimeter security industry and ensure that the associations members conform to internationally recognised quality standards.

Basic Specs

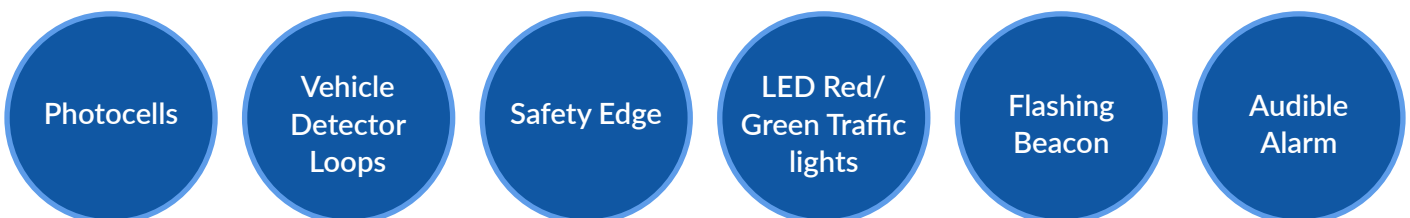
- > **IWA-14 Classification Code:** V Sliding Gate V/7200 [N2A]/64/90:1.8
- > **Width:** up to 8000mm
- > **Standard Height:** 2400mm
- > **Heights:** up to 3000mm
- > Shallow foundation depth of only 450mm
- > Painted to any RAL colour
- > Crash tested in the UK by MIRA



More details

- > **Construction:** The gate is a fully welded construction of heavy gauge steel sections including specially designed Frontier Pitts' Steel Impact Beam.
- > Shallow Foundation Type B of 450mm
- > **Finish:** Shotblasted, hot zinc sprayed (galvanised), primed and finished with a final coat of polyurethane paint.
- > **Method of Operation:** Push button as standard for automatic gates, consist of (Open/Stop/Close) buttons.
- > **Operational Options:** Manual or Automatic

Safety Options:

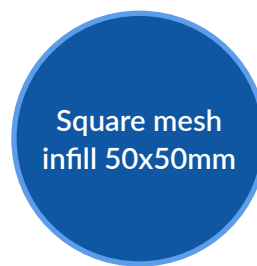
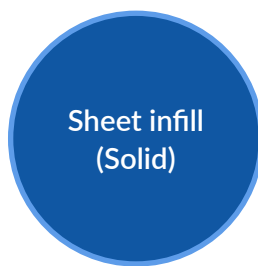


- > **Normal Operating Speed/Time:** 200mm per second Depending on configuration and subject to risk assessment to ensure the gate would comply with BS EN 12453 (Safety Standards)
- > **Duty Cycle:** 100% duty rating
- > **Controls:** The programmable logic controller (PLC) with built in safety features will accept inputs from access control systems including access card, voice, etc. Push button is supplied as standard.

- > Successfully Crash tested in the UK to the international IWA14 specification.
- > Terra G8 has been designed for wider entrances covering 8m width of counter Terrorism protection.
- > Heavy duty posts support the gate leaf during operation and crash test.
- > Cantilevered gate, no track or support required across the road width, minimal excavation.
- > The balance is provided by a unique enclosed “runback” which enables the gate to be fully projected across the roadway without tipping.
- > Designed for easy of installation and maintenance
- > Can be interfaced to any access control systems.
- > Manual disengaging lever arm for emergency use
- > Advance drive mechanism with acceleration and deceleration velocity to preserve the driving mechanism.
- > Operating temperature of -20 to + 60C
- > **Operating Voltage:** Single phase 230V AC at 50Hz
- > **Accreditations:** MIRA, Secured by Design, BRE Global



Infill options:



contact us for further details

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