

# TERRA BI-FOLD GATE



## BENEFITS & FEATURES

- Successfully impact tested to IWA14
- Intruder Resistant to LPSI 175:Issue 8 Security Rating A1 (SR1), B3 (SR2) & C5 (SR3)
- Minimal penetration
- Variable heights available. Standard 2400mm/3000mm
- Double leaf Bi-folding Gates with Heavy Duty Crash Impact Beam
- Heavy duty posts support the gate leaf
- Manual Terra Bi-folding Gate - Shallow embedment depths of only 350mm required. Foundation Type B
- Designed for ease of installation and maintenance
- LPSI 175 Security Rated infills to suit ratings.
- Terra Bi-fold Gate leaves

## DUTYMAN ACTUATOR

- A surface mounted, self contained electromechanism drive mechanism.
- The actuator will operate double leaf widths up to 8m and heights up to 5m\*.
- 100% duty rating – designed for continuous operation

## OPTIONS

- Accumulator or manual hand pump allow a number of operations in power failure mode
- In event of Power Failure the Gate will Fail secure (remain in closed position) to meet LPSI 175 requirements
- 100mm Traffic Light System
- High Security Cabinet
- Can be interfaced to any access control systems

## SAFETY

- Vehicle detector loops
- Safety photocell beams
- Lasers
- Flashing beacons
- Audible alarm
- Safety Edge

## CIVIL REQUIREMENTS

**Manual Gate base** x 2 (millimetres)  
L: 1400 x W: 2000 x D: 500, embedment 350mm

**Automatic post foundations** (millimetres)

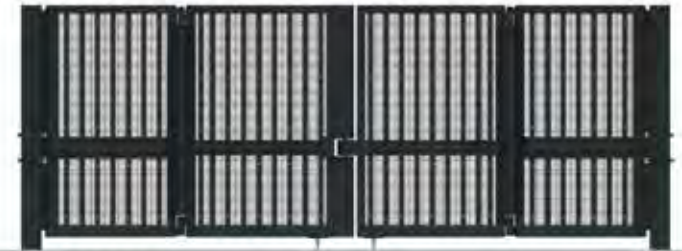
**Please contact Technical Sales**

**Note:** Power and control wiring ducts may be required.  
Automatic Terra Bi-folding Gate foundations

## ELECTRICAL REQUIREMENTS\*

- Single Phase Supply

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



The HVM Terra Bi-Folding Gate has been successfully impact tested to the International IWA14 specification stopping 7.2t @ 30mph (48kph) Intruder Resistant to LPSI 175: Issue 8 Security Rating A1 (SR1), B3 (SR2) & C5 (SR3)

- IWA 14 Terra Bi-fold Gate 7.2t @ 30mph (48kph)
- Maximum Width 8000mm
- Certification number 1059d/01
- V/7200[N2A]48/90:0.2

**Tested dimensions:** width 6000mm, height 2400mm



Terra Bi-fold Gate  
Certified to LPSI 175: Issue 8  
Security Rating B3 (SR2)  
Certificate Number C1059d/01  
Certified to IWA14:2013  
Rating V/7200[N2A]48/90:0.2  
Certificate Number C1059e-01



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FP20.2-TerraBifold/Nov21