



# Performance Gates



## Secure Performance Gates

Our external gate range is based on the PA1 aluminium door, offering all the benefits of ease of installation, flexible design and zero maintenance.

Our performance aluminium products are designed and manufactured to be "fit and forget". No matter the environment and with no practical limitation on life span, this is a game changer for owners of large estates.

The PA aluminium gate contains nothing organic, nothing ferrous and has no painted parts. This approach eliminates the traditional issues with timber gates of rot, warp, twist and sticking leaves and the age old issue with steel gates of rust.



## Leaf Construction

- Leaf thickness: 44mm
- Leaf construction: two 3mm thick aluminium interlocking trays
- Core material: non-hygroscopic polyurethane foam or impact resistant honeycomb
- Heavy duty anodised aluminium door edgings c/w integrated astragal to leading edge
- Leaf weight with polyurethane infill: approx. 24 kg/m<sup>2</sup> excluding hardware



## Frame Construction

- Frame profile: single rebate c/w integrated jacking channels
- Frame profile size: 100mm x 67mm
- Frame material: heavy duty extruded aluminium sections
- Assembly method: butt jointed corners
- Threshold: stainless steel plate with or without extruded low-profile aluminium upstand
- Weather seal: integral polyurethane foam gasket



## Fixing Method

- 2nd fix between structural opening reveals Integrated and adjustable jacking channel frame fixing system Suitable wall
- construction materials: brickwork, blockwork, concrete, steel or timber





## Hardware

- Heavy duty stainless steel continuous hinges
- Single, 2 & 3-point locking systems
- Panic escape, emergency escape, manual deadlocking, automatic deadlocking or electro-mechanical deadlocking options
- External key access with or without cylinder guard protection
- External padlockable hasp & staple devices
- Tower bolts or 2-point locking system to passive leaf
- Door closers or door stays
- Factory fitted unless otherwise stated



## Finishes

- Standard aluminium frame and door edge section finish: Satin silver anodised. AA25 micron thickness
- Alternative aluminium frame and door edge section finish: polyester powder coated in a range of BS/RAL colours
- Door leaf, side panel and over panel faces: GRP (Glass Reinforced Plastic), mill finished aluminium or polyester powder coated aluminium in a range BS/RAL colours
- GRP faces are pigmented throughout, UV stable and available in a range of textures
- Combinations of materials, finishes, textures and colours may be specified to each door leaf and panel face



## Certification

- UKCA marked in accordance with external door standard EN 14351-1: 2006 & A2: 2016
- Panic and emergency escape hardware certified in accordance with EN 1125: 2008 and EN 179: 2008
- Hinges certified in accordance with EN 1935: 2002
- Quality Management System certified to EN ISO 9001: 2015 Certificate No. 11955
- Environmental Management System certified to EN ISO 14001: 2015 Certificate No. 2993
- Occupational H&S Management System certified to EN ISO 45001: 2018 Certificate No. 1466

