



PA1 Sports Hall Doorsets



Configurations

- Single leaf outward opening aluminium doorsets with or without side/over panels
- Double leaf outward opening aluminium doorsets with or without side/over panels



Options

- Hinged or removable over panels, with removable transoms
- Hinged or removable side panels, with removable mullions



Leaf Construction

- Leaf thickness: 44mm
- Leaf construction: two 3mm aluminium interlocking trays
- See Finishes Section - Finishes for facing materials
- 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/m² 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



Rebound Plate

- Rebound panel construction
- Manufactured from 3mm aluminium
- Variable depth to allow doors to finish flush with uneven surface
- Internal reinforcement structures to prevent defamation on impact
- Offering full protection from accidental contact with panic plate
- Designed in line with Sport England guidelines



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 panic exit systems
- External key access with or without cylinder guard protection
- Door closers or door stays
- Electro-mechanical access via pin code lock



Finishes

- Standard aluminium frame and door edge section finish: Satin silver anodised. AA25.
- 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
- Rebound panels polyester powder coated



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
- Environmental Management System certified to EN ISO 14001: 2015
- Occupational H&S Management System certified to EN ISO 45001: 2018



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