

## NBS Type Specification

- **Description:** Industrial Thermal Door System with Independent Certification and Patented Thermal Break Technology.
- **Product reference:** Intimidator IR-X Industrial Door
- **Manufacturer:** CGT Security
  - 1 Darwin Close, Reading, Berkshire, RG2 0TB
  - Tel: 0330 024 9409
  - Email: [sales@cgtsecurity.com](mailto:sales@cgtsecurity.com)
- **Company Certification:** ISO 9001
- **Product Certifications:** BS EN 13241-1, BS EN 12604, BS EN 12453
- **Product Performance:** Product certified to LPS 1175 Issue 8, B3 (SR2), Secured By Design Official Police Preferred Specification.
- **Arrangement:** Top rolling industrial door with metal slats and patented thermal break technology to remove cold bridge through the joint.
- **Thermal performance:** Through lath U value  $1.22\text{W/m}^2\text{K}$ . (Typical value for insulated shutter =  $4.01\text{W/m}^2\text{K}$ ). Through curtain panel value  $2.8\text{W/m}^2\text{K}$  (Typical value for insulated shutter =  $4.3\text{W/m}^2\text{K}$ ).
- **Acoustic performance:** Acoustic performance up to 30dB.
- **Opening Sizes:**
  - Certified width - Maximum 6000mm
  - Certified height – Maximum 6000mm
- **Shutter Curtain:**
  - **Material:** Double wall with aluminium outer, soft ribbed PVC with thermal break joint as inner wall. High density foam insulation infill. Patented curved lath design.
  - **Finish:** Standard – Soft ribbed PVC in light grey as inner wall. Mill finish for outer aluminium wall. [Options for aluminium wall -Anodising or polyester powder coated to 25 microns available. Standard RAL/BS code. Marine grade powder coat.](#)
- **Frame/Guides:**
  - **Material:** Two-part heavy duty galvanised wind lock steel guides complete with brush seals. Internally reinforced and supplied with heavy duty fixings in accordance with LPS 1175 requirements. Additional integral rubber seal between door and substrate of top frame.
  - **Finish:** Galvanised steel.

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- **Bottom Rail:**
  - **Material:** Internally reinforced extruded aluminium with shaped weather seal.
  - **Finish:** Standard – Mill finish. [Polyester powder coated to 25 microns. RAL/BS code.](#)
- **Hood:** [Option – 3-sided folded galvanised steel hood. Option to powder coat to RAL/BS code.](#)
- **Motor:** External Direct Drive Motor. Standard duty cycle. [Option – high duty cycle](#)
- **Suitable Substrate:** to be mechanically anchored directly to brickwork, blockwork, concrete, structural steelwork, or sub assembly steel framework as certified to LPS 1175 issue 8, security rating B3 (SR2).
- **Operation:** Standard - Hold-to run operation with manual locks. Safety on close as assessment directs. [Option - automatic operation with electronic locks.](#)
- **Installation & Fixing:** In accordance with CGT Security Installation guidelines and recommendations.



All products are based on standard specifications unless otherwise indicated. [Options available in blue text.](#)

Our range of options allows us to accommodate any bespoke requirements. Certain options may affect performance levels. Please contact us and we will be happy to support in developing this specification to meet your exact project requirements