NBS Type Specification

- **Description:** Bolt-On Roller Shutter System with Independent Certification
- **Product reference: Vortex+ Bolt-On Roller Shutter**
- **Manufacturer:** CGT Security
  - 1 Darwin Close, Reading, Berkshire, RG2 0TB
  - Tel: 0330 024 9409
  - Email: sales@cgtsecurity.com
- **Company Certification:** ISO 9001
- **Product Certifications:** BS EN 13241-1, BS EN 12604, BS EN 12453
- **Product Performance**: Product certified up to LPS 1175 Issue 8, security rating B3 (SR2), Secured By Design Official Police Preferred Specification. Certified to BS EN 13241-1 wind load resistance up to Class 5.
- **Arrangement** Top rolling shutter with minimal size shutter box mounted at high level. Roll size up to 50% smaller than a standard roller shutter. Internal or External face fix.
- **Opening Sizes:**
  - Maximum certified width 6000mm
  - Minimum certified width 850mm
  - Maximum certified height 6000mm
  - Minimum certified height 1000mm
- **Shutter Curtain:**
  - **Material:** Extruded aluminium lath profile to grade 6063 T6. Patented lath design. Varying size slats to provide intelligent, small roll zones. Solid lath security rated up to B3 (SR2). Fully retained shutter curtain.
  - **Option -** Perforated lath security rated up to B1.
  - **Finish:** Polyester powder coated to 25 microns.
  - **Colour:** Standard RAL/BS code.
- **Frame/Guides:**
  - **Material**: Extruded aluminium guide profiles with snap cover.
  - **Finish:** Polyester powder coated to 25 microns.
  - **Colour:** Standard RAL/BS code
- **Bottom Rail:**
  - **Material**: Extruded aluminium.
  - **Finish:** Polyester powder coated to 25 microns.
  - **Colour:** Standard RAL/BS code.
- **Motor:**
  - 240v Tube Motor.
  - Option - manual override.

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- **Hood:**
  - **Material:** Minimal size, two part aluminium head box
  - **Finish:** Polyester powder coated to 25 microns.
  - **Colour:** Standard RAL/BS code.

- **Suitable Substrate:** To be mechanically anchored directly to brickwork, blockwork, concrete, structural steelwork, or sub assembly steel framework as certified up to LPS 1175 issue 8, security rating B3 (SR2).
- **Operation/Controls:** Safety on close as assessment directs. Options – Safety edge for safety on close. Full range of compatible control options available including push button, key switch, or remote control.
- **Installation & Fixing:** In accordance with CGT Security Installation guidelines and recommendations.

LPS 1175: Issue 8
Cert. No. 1396c

Asse. to ISO 9001: 2015
Cert/LPCB ref. 1396

Secured by Design

SBD

Police Preferred Specification

All products are based on standard specifications unless otherwise indicated. Options available in blue text.

The large range of options available means bespoke requirements can be accommodated. Please contact the manufacturer to discuss further if the exact product requirement is not covered by this specification.