NBS Type Specification

- **Description:** Built-In Roller Shutter System
- **Product reference: Vortex Built-In 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:** Certified to BS EN 13241-1 wind load resistance up to Class 5.
- **Arrangement** Top rolling shutter with minimal size, built-in shutter box secured within the lintel. Roll size up to 50% smaller than a standard roller shutter.
- **Opening Sizes:**
  - Maximum certified width 6000mm
  - Minimum certified width 1000mm
  - Maximum certified height 5000mm
  - 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. Fully retained shutter curtain.
  - **Option -** Perforated profiles.
  - **Finish:** Polyester powder coated to 25 microns.
  - **Colour:** Standard RAL/BS code.
- **Frame/Guides:**
  - **Construction:** Frame former is anchored into building construction.
  - **Material:** Extruded aluminium guide profiles. Recessed into cavity of external wall complete with fully insulated cavity closer.
  - **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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- **Lintel / Headbox:**
  - Structural: Fully structural lintel system built into building construction to support imposed loads. Lintels are dependent on structural loads and shutter size.
  - Non-Structural: PVC non load-bearing box to be incorporated in wall make up.

- **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.

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.