

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.](#)

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.