Bollards
For All Locations
## Bollards for Effective Site Protection

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<td>- - - - -</td>
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(*) Fixings may differ from illustrations shown

**Durapol®** material is a polymer formulated to withstand extremes of temperature and is impact-tested in our Quality Assurance Laboratory as part of our BS EN ISO 9001:2000 test procedure. Durapol will not chip or rust, is easy to clean and never needs painting.

**Enviropol®** material is a polymer specially developed for added flexibility and extensibility properties. 100% Resilient Plastic has abrasion resistance, the material will not chip or rust and never needs painting.

**Guardsman™** material is a reinforced, site protection bollard fixing for improved 24-hour security.
**CHAIN LINKING**

Rigid Durapol Bollards only.

Two lengths of chain are available: 1200mm and 2500mm

Weights:
- Standard 1200mm: .............0.6 kg
- Standard 2500mm: ...........1.25 kg
- Spiked 1200mm: .................1.0 kg
- Spiked 2500mm: .................2.1 kg

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**COLOURS**

**BANDING/SIGNS**

<table>
<thead>
<tr>
<th>RETROREFLECTIVE</th>
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<td>RED/WHITE SPLIT, RED OR WHITE</td>
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<td>PERSONALISED</td>
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<td><strong>BANDS</strong></td>
</tr>
</tbody>
</table>

Please telephone our sales office for details.

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**CHAIN LINKING**

Stainless Steel

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**COLOURS**

- BLACK
- MAUVE
- SADDLEBONE
- GRANITE
- ANCIENT BEIGE
- STONE
- WHITE
- GREEN
- TERRACOTTA
- BROWN
- DARK BLUE
Fixing Options

1. **LockFast™ Socket System**
The new LockFast Socket allows quick and easy bollard top replacement, reducing the need for road closure or costly reinstatement. The square shape prevents twisting during a drive-through and is easy to pave around.

**Dimensions**
- Height: 350mm
- Top: 240 x 240mm
- Base: 305 x 305mm

**Weight of socket:** 3.7kg

**Material:** Durapol

**SAFETY NOTICE**
If the removal of a bollard creates a safety hazard, we strongly recommend purchase of a socket blanking cap.

2. **Standard Bolt-Down Fixing (onto existing concrete foundations)**
Bolt-down fixings allow a bollard to be quickly and easily installed surfaces without the need for groundwork. Ideal for use where be possible.

**Dimensions**
- Depth below ground: 75mm.

3. **Below-Ground Socket System**
Socketed bollards are easy to remove and replace, allowing for permanent, semi-permanent or temporary applications. The socket will absorb the impact of most collisions, leaving the surrounding surfaces undamaged.

**Dimensions**
- Depth below ground: 500mm.
- Weight of socket: 3.8kg

**SAFETY NOTICE**
If the removal of a bollard creates a safety hazard, we strongly recommend purchase of a socket blanking cap.

4. **Concrete-in Anchor (adjustable depth)**
Offers additional stability and provides a permanent fixing and reinstated without the need for additional groundwork anywhere a fresh concrete sub-surface can be laid.

**Dimensions**
- Depth below ground: 250mm.

5. **Below-Ground Extended Base**
The extended base and horizontal ground peg of the bollard are secured in concrete for permanent installation.

6. **Below-Ground Guardsman™ Anti-Ram Raid**
A galvanised steel reinforcing tube is sited 745mm below ground superb strength and impact resistance. The bollard top is secured hidden coupling bolts.

**Dimensions**
- Total height of reinforcing tube: 1505mm.
- Diameter of reinforcing tube: 115mm.
- Wall thickness of reinforcing tube: 5mm.
- Weight of reinforcing tube: 21.3kg.

**SAFETY NOTICE**
If the removal of a bollard creates a safety hazard, we strongly recommend purchase of a socket blanking cap.

(Bollard and fixings may differ from illustrations shown.)
High Performance Materials

Glasdon products are manufactured from high performance materials and undergo stringent quality checks to ensure durability and best value. We have accreditation with ISO 9001:2000, underlining our commitment to provide quality products.

Throughout this catalogue reference is made to the following materials:

**Durapol®** material is a polymer formulated to withstand extremes of temperature and is impact-tested in our Quality Assurance Laboratory as part of our BS EN ISO 9001:2000 test procedure. Durapol material will not chip or rust, is easy to clean and never needs painting.

- **Robust Material** - Will not chip or rust.
- **Low Maintenance** - No painting required.
- **Colour Moulded Right Through** - Scratches will not show.
- **Tough, Durable Construction** - Corrosion-free and vandal resistant.

**Enviropol®** material is manufactured predominantly from post-consumer plastics. By balancing these uncontaminated recycled waste materials, the result is a remarkably versatile product with many applications and benefits. Enviropol material will not chip or rust, is easy to clean and never needs painting.

**Buffer™** material is manufactured from 100% recycled rubber tyres and is pressure moulded to create a strong, hard-wearing, weatherproof material.

**Grade 316 Stainless Steel** is a premium grade, which provides maximum corrosion resistance. It has a highly polished finish, which minimises the adhesion of dirt and moisture, thereby improving its weather-resistance.

Passively Safe Impactapol® material is a polymer specially developed with enhanced flexibility and extensibility properties offering good recovery performance after vehicular impact. Impactapol material has abrasion resistance, the material will not chip or rust and never needs painting.

- **Ideal for Vulnerable Sites** - Where passive safety is imperative.
- **Reduce Maintenance Budgets** - Due to good recovery performance after repeated impacts.
- **Flexibility & Good Recovery Performance** - As Impactapol material remains flexible down to -40°C.
- **Low Maintenance** - As no painting required and scratches will not show.

Enviropol Bollards see page 17
Buffer Bollards see page 17

**Grade 316 Stainless Steel**

N.B. Impactapol material bollards are only available with selected fixing options.

Individual product specification sheets are available on request. Please telephone 01253 600410 for details.
Design Features
- Two models available, rigid Standard model or flexible Rebound model.
- LockFast Socket System fixing option allows quick and easy bollard top replacement, reducing the need for road closure or costly reinstatement.
- Requires minimal maintenance compared to cast iron bollards.

Optional Extras
- Blanking Cap – Temporary or Lockable.
- Decorative banding in Gold, retroreflective banding in Red and White, Red, White or Yellow.

Materials (Please see page 5 for details.)
- Standard model: Durapol (available with Below-Ground Extended Base or LockFast Socket System fixing option).
- Rebound model: Impactapol (available with Below-Ground Extended Base or LockFast Socket System fixing option).
- LockFast Socket: Durapol.
- Retroreflective and Decorative banding:
  - Aluminium backed (Durapol model only).
  - Impactalight microprismatic retroreflective material (Rebound model only).

Fixing Options (Please see page 4 for details.)
- Below-Ground Extended Base.
- Below-Ground LockFast Socket System.

Specifications
SAFETY NOTICE – if removal of the socketed bollard creates a safety hazard, we recommend purchase of a socket blanking cap. Please see page 5.

Dimensions
- Height above ground: 1005mm
- Overall height: 1302mm
- Depth below ground: 290mm (concrete-in) / 350mm (with socket)
- Maximum diameter: 220mm
- Standard Bollard Weight: 3.5kg
- Rebound Bollard Weight: 4kg
- Socket Weight: 3.7kg

Colour
- Black

Glasdon Manchester Optional Banding
- A + B: 1, 2 or 3 x 12mm and/or 1 x 63mm Gold decorative bands.
- C + D: 1, 2 or 3 x 12mm and/or 1 x 63mm Red/White retroreflective bands.
- E: 1, 2 or 3 x 12mm and/or 1 x 63mm Red retroreflective bands.
- F: 1, 2 or 3 x 12mm and/or 1 x 63mm White retroreflective bands.
- G: 1, 2 or 3 x 12mm and/or 1 x 63mm Yellow retroreflective bands.

Order now by telephone 01253 600410 or fax 01253 792558.
**Neopolitan™ 20**

A contemporary style bollard for modern urban environments

**Design Features**
- Two models available, rigid Standard model and flexible Rebound model.
- Recessed areas for decorative or retroreflective banding.

**Optional Extras**
- Blanking cap.
- Decorative banding in Gold, retroreflective banding in Red, White, Red and White or Yellow.
- Chain linking - please see page 3 for details (available with Durapol Bollards only).

**Materials** (Please see page 5 for details.)
- Standard model : Durapol (available with Standard Bolt-Down, Concrete-In Anchor (adjustable depth), Below-Ground Socket System or Below-Ground Guardsman Anti-Ram Raid fixing options).
- Rebound model : Impactapol (available with Below-Ground Extended Base fixing option).

**Fixing Options** (Please see page 4 for details.)
- Standard Bolt-Down.
- Concrete-In Anchor (adjustable depth).
- Below-Ground Socket System.
- Below-Ground Guardsman Anti-Ram Raid.
- Below-Ground Extended Base.

**Specifications**

**SAFETY NOTICE** - If removal of the socketed bollard creates a safety hazard, we recommend purchase of a Socket Blanking Cap. Please see page 5.

**Dimensions**
- Height above ground: 925mm.
- Main stem diameter: 150mm.
- Maximum diameter: 200mm.
- Weight:
  - Standard Bolt Down Bollard (Excluding Fixings): 3.5kg
  - Concrete-In Anchor Bollard (Excluding Fixings): 3.5kg
  - Below-Ground Socket System Bollard (Excluding Socket): 5kg
  - Below Ground Guardsman Bollard (Excluding Fixings): 3.5kg
  - Below Ground Extended Base Bollard: 5kg

**Colours**
- *Black
- Millstone
- Sandstone
- Dark Blue
- Aircraft Grey
- Stone
- "White
- *Rebound model available in Black or White only.

**Neopolitan 20 Optional Banding**

- A. 2 x 20mm Red/White retroreflective bands.
- B. 2 x 20mm Red retroreflective bands.
- C. 2 x 20mm White retroreflective bands.
- D. 2 x 20mm Yellow retroreflective bands.
- E. 1 x 500mm x 495mm Red/White body sleeve*. (0 x 100mm bands are available for use with Rebound model.)
- F. 1 x 500mm x 495mm Yellow body sleeve.*
- G. 2 x 20mm Gold decorative bands.

Impactalight™ impact-resistant retroreflective banding is available with Rebound model.

*All retroreflective materials supplied by Glasdon UK are as recommended in table NA1 of the National Annex of BS EN 12899-1 2007 Fixed Vertical Road Signs.

Individual product specification sheets are available on request. Please telephone 01253 600410 for details.
**Advanced Neopolitan™ 150**

The Glasdon Neopolitan 150 Bollard Rebound Model is now available with a LockFast™ Socket to save you time and money!

**Design Features**
- One model available, flexible rebound model (choice of two fixing options).
- LockFast Socket allows quick and easy bollard top replacement, reducing the need for road closure or costly reinstatement.
- Tamper proof lock prevents unauthorised removal of the bollard.
- Shallow depth installation.

**Optional Extras**
- Blanking cap – Temporary or Lockable.
- Retroreflective banding in Red and White, Red, White or Yellow.
- Personalisation – please see back page for details.

**Materials** (Please see page 5 for details.)
- Bollard: Impactapol.
- LockFast Socket: Durapol.
- Banding: Impactalight™ Microprismatic Retroreflective material.

**Fixing Options** (Please see page 4 for details.)
- Below-Ground LockFast Socket System.
- Below-Ground Extended Base.

**Specifications**

SAFETY NOTICE – If removal of the socketed bollard creates a safety hazard, we recommend purchase of a Socket Blanking Cap. Please see page 5.

**Dimensions**
- Height above ground: 925mm
- Maximum stem diameter: 200mm
- Depth below ground: 290mm (concrete-in) 350mm (with socket)

Bollard Weight: 4kg
LockFast Socket Weight: 3.7kg

**Advanced Neopolitan 150 Optional Banding**

A. 2 x 40mm and 2 x 150mm Red/White retroreflective™ bands.
B. 2 x 40mm and 2 x 150mm Red retroreflective™ bands.
C. 2 x 40mm and 2 x 150mm White retroreflective™ bands.
D. 2 x 40mm and 2 x 150mm Yellow retroreflective™ bands.

150mm band is idea for personalisation with your crest, logo or message.

*All retroreflective materials supplied by Glasdon UK are as recommended in table NA1 of the National Annex of BS EN 12899-1 2007 Fixed Vertical Road Signs.

Order now by telephone 01253 600410 or fax 01253 792558.
Neopolitan™ 150
A contemporary style bollard for modern urban environments

Standard Features
- Two models available, rigid Standard model and flexible Rebound model.
- Recessed areas for decorative or retroreflective banding.

Optional Extras
- Blank ing cap.
- Decorative banding in Gold, retroreflective banding in Red, White, Red and White or Yellow.
- Personalisation - please see back page for details.
- Chain linking - please see page 2 for details (available with Durapol Bollards only).

Materials (Please see page 5 for details.)
- Standard model : Durapol (available with Standard Bolt-Down, Concrete-In Anchor (adjustable depth), Below-Ground Socket System or Below-Ground Guardsman Anti-Ram Raid fixing options).
- Rebound model : Impactapol (available with Standard Bolt Down, Concrete-In Anchor (adjustable depth) or Below-Ground Extended Base fixing options).

Fixing Options (Please see page 4 for details.)
- Standard Bolt-Down.
- Concrete-In Anchor (adjustable depth).
- Below-Ground Socket System.
- Below-Ground Guardsman Anti-Ram Raid.
- Below-Ground Extended Base.

Specifications
SAFETY NOTICE - If removal of the socketed bollard creates a safety hazard, we recommend purchase of a Socket Blanking Cap. Please see page 5.

Dimensions
Height above ground: 925mm.
(Main Stem Diameter: 150mm).
Maximum diameter: 200mm.
Weight:
Standard Bolt Down Bollard (Excluding Fixings): 4.5kg
Concrete-In Anchor Bollard (Excluding Fixings): 4.5kg
Below Ground Socket System Bollard (Excluding Socket): 5kg
Below Ground Guardsman Bollard (Excluding Fixings): 3.5kg
Below Ground Extended Base Bollard: 5kg

Colours
- "Black"
- "Millstone"
- "Sandstone"
- "Dark Blue"
- "Aircraft Grey"
- "Stone"
- "White"
- "Rebound model available in Black or White only.

Neopolitan 150 Optional Banding
A. 1 x 20mm and 1 x 150mm Red/White retroreflective bands.*
B. 1 x 20mm and 1 x 150mm Red retroreflective bands.*
C. 1 x 20mm and 1 x 150mm White retroreflective bands.*
D. 1 x 20mm and 1 x 150mm Yellow retroreflective bands.*
E. 1 x 500mm x 485mm Red/White body sleeve.*
(3 x 150mm bands are available for use with Rebound model.)
F. 1 x 500mm x 485mm Yellow body sleeve.*
G. 1 x 20mm and 1 x 150mm decorative bands.
150mm band is ideal for personalisation with your crest, logo or message.
Impactalight impact-resistant retroreflective banding is available with Rebound model.

*All retroreflective materials supplied by Glasdon UK are as recommended in table NA1 of the National Annex of BS EN 12899-1 2007 Fixed Vertical Road Signs.

Individual product specification sheets are available on request. Please telephone 01253 600410 for details.
Order now by telephone 01253 600410 or fax 01253 792558.

#All retroreflective materials supplied by Glasdon UK are as recommended in table NA1 of the National Annex of BS EN 12899-1 2007 Fixed Vertical Road Signs.

Neopolitan Signhead

A stylish, slimline, sign-carrying bollard

Design Features
- Two models available, rigid Standard model and flexible Rebound model.
- Recessed area for 210mm x 125mm rectangular signface.
- Recesses for decorative or retroreflective banding.

Optional Extras
- Blanking cap.
- Decorative banding or retroreflective banding.
- Rectangular signs.
- Non-standard signface options.
- Personalisation – please see back page for details.

Materials and Fixing Options (Please see page 4 for details.)
- Standard model : Durapol (available with Standard Bolt-Down or Below-Ground Guardsman Anti-Ram Raid fixing options).
- Rebound model : Impactapol (available with Standard Bolt Down fixing option).

Fixing Options:
- Standard Bolt-Down Fixing.
- Concrete-in Anchor (Adjustable Depth).

Specifications

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Colours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height: 1195mm.</td>
<td>Black</td>
</tr>
<tr>
<td>Width: 370mm.</td>
<td>Millstone</td>
</tr>
<tr>
<td>Depth: 171mm.</td>
<td></td>
</tr>
<tr>
<td>Weight: 6kg.</td>
<td></td>
</tr>
<tr>
<td>Signface: 308mm x 248mm.</td>
<td></td>
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</tbody>
</table>

Black NEOPOLITAN SIGNHEAD Bollard with sign displaying End of area where vehicles may be parked partially on verge or footway.

Infomaster™

The ideal way to display the 661A Regulatory ‘Disabled Badge Holders Only’ sign

Design Features
- Rigid Durapol® construction.
- Recessed area for 308mm x 248mm polycarbonate sign face.

Optional Extras
- Blue side reflectors.
- Wall mounting plaque.
- Non-standard sign options.
- Personalisation – please see back page for details.

Materials and Fixing Options (Please see page 4 for details.)
- Standard model : Durapol (available with Standard Bolt-Down or Below-Ground Guardsman Anti-Ram Raid fixing options).
- Rebound model : Impactapol (available with Standard Bolt Down fixing option).

Fixing Options:
- Standard Bolt-Down Fixing.
- Concrete-in Anchor (Adjustable Depth).

Specifications

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Colours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height above ground: 1075mm.</td>
<td>Black</td>
</tr>
<tr>
<td>(Standard Bolt-Down Fixing Model and Concrete-In Anchor Model: 1156mm)</td>
<td>Millstone</td>
</tr>
<tr>
<td>Main stem diameter: 150mm.</td>
<td>Sandstone</td>
</tr>
<tr>
<td>Maximum diameter: 200mm.</td>
<td>Dark Blue</td>
</tr>
<tr>
<td>Signface: 210mm x 125mm.</td>
<td>Aircraft Grey</td>
</tr>
<tr>
<td>Weight: Standard Bolt Down Bollard (Excluding Fixings): 5kg</td>
<td>Stone</td>
</tr>
<tr>
<td>Concrete-in Anchor Bollard (Excluding Fixings): 5kg</td>
<td>*White</td>
</tr>
<tr>
<td>Below Ground Socket System Bollard (Excluding Socket): 5kg</td>
<td></td>
</tr>
<tr>
<td>Below Ground Guardsman Bollard (Excluding Fixings): 3.2kg</td>
<td></td>
</tr>
<tr>
<td>Below Ground Extended Base Bollard: 5kg</td>
<td></td>
</tr>
</tbody>
</table>

*All retroreflective materials supplied by Glasdon UK are as recommended in table NA1 of the National Annex of BS EN 12899-1 2007 Fixed Vertical Road Signs.

Order now by telephone 01253 600410 or fax 01253 792558.
Individual product specification sheets are available on request. Please telephone 01253 600410 for details.
Mini Ensign™
A compact sign carrying bollard with a modern, neat appearance

Design Features
- Two models available, rigid Standard model and flexible Rebound model.
- Two recessed areas for two Ø150mm signfaces.
- Recessed areas for decorative or retroreflective banding.

Optional Extras
- Blanking cap.
- Decorative banding in Gold, retroreflective banding in Red, White, Red and White or Yellow.
- Sign options.
- Personalisation - please see back page for details.

Materials (Please see page 5 for details.)
- Standard model: Durapol (available with Standard Bolt-Down, Concrete-In Anchor (adjustable depth), Below-Ground Socket System or Below-Ground Guardsman Anti-Ram Raid fixing options).
- Rebound model: Impactapol (available with Standard Bolt-Down, Concrete-In Anchor (adjustable depth) or Below-Ground Extended Base fixing options).

Fixing Options (Please see page 4 for details.)
- Standard Bolt-Down.
- Concrete-In Anchor (adjustable depth).
- Below-Ground Socket System.
- Below-Ground Guardsman Anti-Ram Raid.
- Below-Ground Extended Base.

Mini Ensign Specifications

Dimensions
Height above ground: 1010mm.
(Standard Bolt-Down Fixing Model and Concrete-In Model: 1087mm)
Main stem diameter: 150mm.
Maximum diameter: 200mm.
Signface diameter: 150mm.
Weight:
- Standard Bolt Down Bollard (Excluding Fixings): 4.8kg
- Concrete-in Anchor Bollard (Excluding Fixings): 4.8kg
- Below Ground Socket System Bollard (Excluding Socket): 5kg
- Below Ground Guardsman Bollard (Excluding Fixings): 3.2kg
- Below Ground Extended Base Bollard: 5kg

Colours
- Black
- Millstone
- Sandstone
- Dark Blue
- Aircraft Grey
- Stone
- *White
- Red**

*Rebound model available in Black or White only.
**Minimum order quantity applies.

SAFETY NOTICE - If removal of the socketed bollard creates a safety hazard, we recommend purchase of a Socket Blanking Cap. Please see page 5.

Impactalight impact-resistant retroreflective banding is available with Mini Ensign Bollard Rebound model.

Black Sandstone
Aircraft Grey
White
Red

Impactalight impact-resistant retroreflective banding is available with Mini Ensign Bollard Rebound model.

Ensign & Mini Ensign Optional Banding

A. 2 x 20mm Red/White retroreflective bands.*
B. 2 x 20mm Red retroreflective bands.*
C. 2 x 20mm White retroreflective bands.*
D. 2 x 20mm Yellow retroreflective bands.*
E. 1 x 500mm x 485mm Red/White body sleeve,*
(3 x 150mm bands are available for use with Mini Ensign Bollard Rebound model).
F. 1 x 500mm x 485mm Yellow body sleeve,*
G. 2 x 20mm Gold decorative bands.

*All retroreflective materials supplied by Glasdon UK are as recommended in table NA1 of the National Annex of BS EN 12899-1:2007 Fixed Vertical Road Signs.

Order now by telephone 01253 600410 or fax 01253 792558.
**Ensign™**

Accommodates 300mm diameter signs, ideal for many applications

**Design Features**
- One model available, rigid Standard model.
- Option to carry up to four signs. Two x Ø300mm main signfaces plus additional areas on the sides for two x Ø150mm or two 210mm x 125mm signs.
- Recessed areas for decorative or retroreflective banding.

**Optional Extras**
- Blanking cap.
- Decorative banding in Gold, retroreflective banding in Red, White, Red and White or Yellow.
- Sign options.
- Personalisation - please see page back details.

**Material** (Please see page 5 for details.)
- Durapol.

**Fixing Options** (Please see page 4 for details.)
- Standard Bolt-Down.
- Concrete-In Anchor (adjustable depth).
- Below-Ground Socket System.
- Below-Ground Guardsman Anti-Ram Raid.

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### Ensign Specifications

**Dimensions**

<table>
<thead>
<tr>
<th>Height above ground:</th>
<th>1120mm.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter at base:</td>
<td>200mm.</td>
</tr>
<tr>
<td>Main stem diameter:</td>
<td>150mm.</td>
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<tr>
<td>Maximum width:</td>
<td>338mm.</td>
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<tr>
<td>Signface diameter:</td>
<td>300mm.</td>
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</tbody>
</table>

**Weight:**
- Standard Bolt Down Bollard (Excluding Fixings): 6kg
- Concrete-in Anchor Bollard (Excluding Fixings): 6kg
- Below Ground Socket System Bollard (Excluding Socket): 7.2kg
- Below Ground Guardsman Bollard (Excluding Fixings): 3.9kg

**Materials** (Please see page 5 for details.)
- Durapol.

**Fixing Options** (Please see page 4 for details.)
- Standard Bolt-Down.
- Concrete-In Anchor (adjustable depth).
- Below-Ground Socket System.
- Below-Ground Guardsman Anti-Ram Raid.

---

### Ensign Sign Options

**Standard Price Sign Options**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Sign</th>
<th>Ø300mm</th>
<th>Ø150mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2. Max. Speed Limit (10mph)</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>3. No Entry</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>4. No Left Turn</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
<td>5. Cycles Prohibited</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>5</td>
<td>6. Turn Left</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>6</td>
<td>7. Keep Left</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>7</td>
<td>8. Cycle Route</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>8</td>
<td>9. Cycle/Pedestrians Only</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>9</td>
<td>10. Cycle/Pedestrians Only &quot;Route Marked&quot;</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>10</td>
<td>11. 'In'</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>11</td>
<td>12. 'Out'</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>12</td>
<td>13. Waymark</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>13</td>
<td>14. Disabled Sign</td>
<td>✔️</td>
<td>✔️</td>
</tr>
</tbody>
</table>

*For use on the public highway these options require prior approval from the DfT. All other standard options conform fully with the TSRGD. Please contact our Sales Office for further details of sign options.

**Non-Standard Price Sign Options**

<table>
<thead>
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<th>Ref</th>
<th>Sign</th>
<th>Ø300mm</th>
<th>Ø150mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>15. Pedestrian Crossing*</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>16</td>
<td>16. Mini Roundabout*</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>17</td>
<td>17. Delivery Point</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>18</td>
<td>18. No Swimming</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>19</td>
<td>19. No Swimming (text)</td>
<td>✔️</td>
<td>-</td>
</tr>
<tr>
<td>20</td>
<td>20. Beware Deep Water</td>
<td>✔️</td>
<td>-</td>
</tr>
</tbody>
</table>

*For use on the public highway these options require prior approval from the DfT. All other standard options conform fully with the TSRGD. Please contact our Sales Office for further details of sign options.

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**Colours**

- Black
- Millstone
- Sandstone
- Dark Blue
- Aircraft Grey
- Stone
- White

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**SAFETY NOTICE:** If removal of the bollard creates a safety hazard, we recommend purchase of a Socket Blanking Cap. Please see page 5.

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Individual product specification sheets are available on request. Please telephone 01253 600410 for details.
Admiral™
Two robust bollards

Design Features
- Two models available, rigid Standard model (to take 80mm banding) or flexible Rebound model (Junction Marker) (to take 150mm banding).
- Recessed area for decorative or retroreflective banding.

Optional Extras
- Decorative banding in Yellow, Brown, Green or Silver, retroreflective banding in Red, White, Red and White or Yellow.
- Chain linking - please see page 3 for details (available with Durapol Bollards only).
- Personalisation - please see back page for details.

Materials
- Standard model : Durapol - textured finish (available with Below-Ground Socket System).
- Rebound model : Impactapol - smooth finish (available with Below-Ground Extended Base).

Fixing Options
- Standard model : Below-Ground Socket System.
- Rebound model : Below-Ground Extended Base.

Specifications
SAFETY NOTICE - If removal of the bollard creates a safety hazard, we recommend purchase of a Socket Blanking Cap. Please see page 5.

Dimensions
- Height above ground: 936mm.
- Depth below ground: 500mm.
- Main stem diameter: 198mm.
- Standard Bollard (including Socket) weight: 8.9kg.
- Socket weight: 3.8kg.
- Rebound Bollard weight: 4kg.

Colours
- *Black Millstone Sandstone
- Aircraft Grey Stone *White

Admiral Optional Banding
- A. 1 x 80mm Red/White retroreflective band.*
- B. 1 x 80mm Red retroreflective band.*
- C. 1 x 80mm White retroreflective band.*
- D. 1 x 80mm Yellow retroreflective band.*
- E. 1 x 150mm Red/White retroreflective band.*
- F. 1 x 80mm Yellow decorative band.

- G. 1 x 80mm Brown decorative band.
- H. 1 x 80mm Green decorative band.
- I. 1 x 80mm Silver decorative band.

** Available with Admiral Rebound Bollard only.

Impactlight impact-resistant retroreflective banding is available with all Rebound models.

*All retroreflective materials supplied by Glasdon UK are as recommended in table NA1 of the National Annex of BS EN 12899-1 2007 Fixed Vertical Road Signs.

Order now by telephone 01253 600410 or fax 01253 792558.
Victory™
A heritage, cannon style bollard

Design Features
- Two models available, rigid standard model or flexible Rebound model.
- Recessed areas for decorative or retroreflective banding.

Optional Extras
- Aluminium backed and riveted decorative Gold bands.
- Retroreflective banding in Red, White, Red and White or Yellow.
- Personalisation - please see back page for details.
- Chain linking - please see page 3 for details (available with Durapol Bollards only).

Materials (Please see page 5 for details.)
- Standard model: Durapol (available with Below-Ground Socket System fixing option).
- Rebound model: Impactapol - smooth finish (available with Below-Ground Extended Base fixing option).

Fixing Options (Please see page 4 for details.)
- Below-Ground Socket System.
- Below-Ground Extended Base.

Specifications
SAFETY NOTICE - If removal of the bollard creates a safety hazard, we recommend purchase of a Socket Blanking Cap. Please see page 5.

Dimensions
Height above ground: 967mm.
Depth below ground: 500mm.
(Below-Ground Extended Base Model: 420mm)
Maximum diameter: 200mm.
Standard Bollard weight: 5.00kg.
Socket weight: 3.8kg.
Standard Bollard (including socket) weight: 8.8kg.
Rebound Bollard weight: 4.5kg.

Colour
- Black

Victory Optional Banding
A. 1 x 20mm and/or 1 x 38mm and/or 1 x 125mm Red/White retroreflective bands.*
B. 1 x 20mm and/or 1 x 38mm and/or 1 x 125mm Red retroreflective bands.*
C. 1 x 20mm and/or 1 x 38mm and/or 1 x 125mm White retroreflective bands.*
D. 1 x 125mm Yellow retroreflective band.*
E. 1 x 20mm and/or 1 x 38mm Gold decorative bands and/or 1 x 125mm decorative bands. 125mm band is ideal for personalisation with your crest, logo or message.

Clifton™
A heritage style four-sided bollard with crest detail

Design Features
- Recessed areas for decorative or retroreflective banding.
- Moulded-in decorative crest detail.

Optional Extras
- Decorative banding in Gold, retroreflective banding in Red, White, Red and White or Yellow.
- Personalised moulded-in crest detail.
- Personalisation - please see back page for details.

Material (Please see page 5 for details.)
- Durapol.

Fixing Options (Please see page 4 for details.)
- Below-Ground Socket System.

Specifications
SAFETY NOTICE - If removal of the bollard creates a safety hazard, we recommend purchase of a Socket Blanking Cap. Please see page 5.

Dimensions
Height above ground: 925mm.
Depth below ground: 500mm.
Main stem width: 140mm.
Maximum width: 200mm.
Bollard weight: 5.00kg.
Socket weight: 3.8kg.
Combined weight: 8.8kg.

Colour
- Black

Clifton Optional Banding
A. 4 x 12mm and/or 1 x 100mm Red/White retroreflective bands.*
B. 4 x 12mm and/or 1 x 100mm Red retroreflective bands.*
C. 4 x 12mm and/or 1 x 100mm White retroreflective bands.*
D. 4 x 12mm and/or 1 x 100mm Yellow retroreflective bands.*
E. 4 x 12mm Gold decorative bands and/or 1 x 100mm decorative bands. 100mm band is ideal for personalisation with your crest, logo or message.

* Other colours are available subject to a minimum order quantity. Please telephone our Sales Office for details.
Edgemaster™ 20
An attractive bollard to protect grass verges from vehicle damage

Design Features
- Recessed area for decorative or retroreflective banding (Non Highways Use).
- A Ground Level Marker helps to ensure the bollard is installed at the correct depth.

Optional Extras
- Decorative banding in Red, Blue, Green, Yellow and Black.
- Ground Fixing Peg

Ground Fixing Peg
A Ground Fixing Peg can be attached to the base of the bollard, if preferred. The peg acts like an anchor, to provide secure installation and add even greater strength and impact-resistance. Bollards installed in very soft earth may benefit from the extra stability the peg provides.

Specifications
Dimensions
Overall Height: 800mm.
Height above ground: 490mm.
Depth below ground: 310mm.
Width: 105mm.
Weight: 0.6kg.

Colours
- Black
- Millstone
- Sandstone
- Granite
- White

Edgemaster 20 Optional Banding
A. 1 x 20mm Red decorative band.
B. 1 x 20mm Blue decorative band.
C. 1 x 20mm Green decorative band.
D. 1 x 20mm Yellow decorative band.
E. 1 x 20mm Black decorative band.
F. 1 x 20mm Retroreflective band*.

Design features
- Recessed area for decorative or retroreflective banding (Non Highways Use).
- A Ground Level Marker helps to ensure the bollard is installed at the correct depth.

Optional Extras
- Decorative banding in Gold, retroreflective banding in Red, White, Red and White.
- Chain linking - please see page 3 for details.
- Personalisation - please see back page for details.

Material (Please see page 5 for details.)
- Durapol.

Fixing Options (Please see page 4 for details.)
- Below-Ground Extended Base.
- Below-Ground Extended Base with Ground Fixing Peg.

*Please telephone our sales office on 01253 600410 if retroreflective banding is required.

Edgeliner™
Durable mini bollard that has the edge on ordinary posts!

Design Features
- Recessed area for decorative or retroreflective banding. (Non Highways Use).

Optional Extras
- Decorative banding in Gold, retroreflective banding in Red, White, Red and White.
- Chain linking - please see page 3 for details.
- Personalisation - please see back page for details.

Material (Please see page 5 for details.)
- Durapol.

Fixing Options (Please see page 4 for details.)
- Below-Ground Extended Base.

Specifications
Dimensions
Height above ground: 510mm.
Depth below ground: 275mm.
Main stem diameter: 120mm.
Maximum diameter: 140mm.
Weight: 1.3kg.

Colours
- Black
- Millstone
- Sandstone
- Granite
- White

Edgeliner Optional Banding
A. 1 x 19mm Red/White retroreflective band.*
B. 1 x 19mm Red retroreflective band.*
C. 1 x 19mm White retroreflective band.*
D. 1 x 98mm Red retroreflective band.*
E. 1 x 98mm White retroreflective band.*
F. 1 x 19mm Gold decorative band.

*All retroreflective materials supplied by Glasdon UK are as recommended in table NA1 of the National Annex of BS EN 12899-1 2007 Fixed Vertical Road Signs.

Order now by telephone 01253 600410 or fax 01253 792558.
**Buffer™**

Two impact-absorbing recycled rubber safety bollards

**Design Features**
- Reinforcing tube, above which bollard is flexible, yet resilient.
- Available in two heights 600mm or 900mm.
- Recessed area for decorative or retroreflective banding.

**Optional Extras**
- Decorative banding in Gold, retroreflective banding in Red, White, Red and White or Yellow.
- Personalisation - please see back page for details.

**Materials** (Please see page 5 for details.)
- Buffer Bollard - Recycled Rubber Material.
- Reinforcing Tube - Galvanised Mild Steel.

**Fixing Options** (Please see page 4 for details.)
- Standard Bolt-Down.
- Concrete-In Anchor (adjustable depth).
- Below-Ground Extended Base.

**Specifications**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Flat Top Model</th>
<th>Round Top Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height above ground: 1000mm.</td>
<td>1000mm.</td>
<td>1000mm.</td>
</tr>
<tr>
<td>Depth below ground: 500mm.</td>
<td>500mm.</td>
<td>500mm.</td>
</tr>
<tr>
<td>Maximum Diameter: 150mm.</td>
<td>150mm.</td>
<td>150mm.</td>
</tr>
<tr>
<td>Bollard weight: 20kg.</td>
<td>23kg.</td>
<td>23kg.</td>
</tr>
</tbody>
</table>

**Enviropol®**

Two bollards manufactured entirely from recycled materials

**Design Features**
- Flat or round top model.
- Recessed area for decorative or retroreflective banding.

**Optional Extras**
- Decorative banding in Yellow, Green or Silver, retroreflective banding in Red, White and Red and White.
- Personalisation - please see back page for details.

**Materials** (Please see page 5 for details.)
- Enviropol Recycled Material.

**Fixing Options** (Please see page 4 for details.)
- Below-Ground Extended Base.

**Specifications**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Flat Top Model</th>
<th>Round Top Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height above ground: 1000mm.</td>
<td>1000mm.</td>
<td>1000mm.</td>
</tr>
<tr>
<td>Depth below ground: 500mm.</td>
<td>500mm.</td>
<td>500mm.</td>
</tr>
<tr>
<td>Maximum Diameter: 150mm.</td>
<td>150mm.</td>
<td>150mm.</td>
</tr>
<tr>
<td>Bollard weight: 20kg.</td>
<td>23kg.</td>
<td>23kg.</td>
</tr>
</tbody>
</table>

Enviropol Bollard banding is ideal for personalisation with your crest, logo or message. Other colours are available to match your particular scheme, subject to a minimum order quantity.
Rebound Signmaster™
Sign carrying bollard

Design Features
- One model available, flexible rebound model.
- Recessed areas for retroreflective side and front panels.
- Two recessed areas for two x Ø300mm signfaces.

Optional Extras
- Fluorescent Yellow retroreflective front, back and side panels.
- Sign options for highways use.
- Other sign options available.

Material (Please see page 5 for details.)
- Impactapol.

Fixing Options (Please see page 4 for details.)
- Standard Bolt-Down.
- Concrete-In Anchor (adjustable depth).

Specifications
Dimensions
Height above ground: 1036mm.
Maximum bollard width: 400mm.
Maximum bollard depth: 200mm.
Bolt-Down foot detail: 328 x 328mm.
Signface: 300mm diameter.
Front/rear patch area: 0.1617m².
Side patch area: 0.0243m².
Weight: 6kg.

Colours
- Black
- White
- Aircraft Grey

Sign Options for use on Highways
- Minimum order quantity applies. Please contact our sales office for these and other sign requirements.

Other Sign Options
- Minimum order quantity applies. Please contact our sales office for these and other sign requirements.

Rebound Signmaster Optional Banding
A. 1 x Fluorescent Yellow retroreflective front panel, 2 x Fluorescent Yellow retroreflective side panels.
B. 1 x Fluorescent Yellow retroreflective front panel, 4 x Fluorescent Yellow retroreflective side panels.
C. 1 x Fluorescent Yellow retroreflective front panel, 1 x Fluorescent Yellow retroreflective back panel, 4 x Fluorescent Yellow retroreflective side panels.
**Design Features**

- Five Standard models available, Zone 154mm diameter, Zone 102mm diameter, Linear 1000mm high, Linear 750mm high and Ellipse.

**Optional Extras**

- Decorative banding in Blue, retroreflective banding in Red/White, Red, White or Yellow available on Zone models.

**Material**

- Grade 316 Stainless Steel.

**Fixing Options**

- Below-Ground Extended Base.

---

**Specifications**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Zone 154mm dia.</th>
<th>Zone 102mm dia.</th>
<th>Linear 1000mm high</th>
<th>Linear 750mm high</th>
<th>Ellipse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter: 154mm</td>
<td>Height above ground: 1000mm</td>
<td>Diameter: 102mm</td>
<td>Height above ground: 1000mm</td>
<td>Diameter: 102mm</td>
<td>Depth: 75mm</td>
</tr>
<tr>
<td>Height above ground: 1000mm</td>
<td>Depth below ground: 300mm</td>
<td>Height above ground: 1000mm</td>
<td>Depth below ground: 300mm</td>
<td>Height above ground: 750mm</td>
<td>Width: 125mm</td>
</tr>
<tr>
<td>Weight: 11.5kg</td>
<td>Weight: 7.6kg</td>
<td>Weight: 6.7kg</td>
<td>Weight: 5.9kg</td>
<td>Weight: 6.5kg</td>
<td></td>
</tr>
</tbody>
</table>

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**Centrum Optional Banding (for Zone Models only)**

- A. 3 x 20mm Red/White retroreflective bands.
- B. 3 x 20mm Red retroreflective bands.
- C. 3 x 20mm White retroreflective bands.
- D. 3 x 20mm Yellow retroreflective bands.
- E. 3 x 20mm Blue decorative bands.

*All retroreflective materials supplied by Glasdon UK are as recommended in table NA1 of the National Annex of BS EN 12899-1 2007 Fixed Vertical Road Signs.*

Individual product specification sheets are available on request. Please telephone 01253 600410 for details.
Personalisation
Successful promotion with personalised products

Many Glasdon bollards can be successfully used as a stylish and cost-effective promotional or informative medium by personalising with your name, logo, crest or message e.g. safer routes to school. Subject to a minimum order quantity and your choice of product we can personalise to your individual requirements, giving you a totally unique and distinctive product in your authority/organisation colours.

FREE PERSONALISATION VISUAL FOR YOUR AUTHORITY/ORGANISATION

See how attractive your logo/crest would look on a Glasdon product. We can provide you with a computer illustration totally free of charge.

All you need to do is:
1) Select your preferred product(s), e.g. Ensign Bollard (page 13).
2) Choose a colour to match your needs, eg. Millstone.
3) Send quality colour artwork of your logo/crest, either on disk or as a print out, ideally A5 size or larger, (please telephone to discuss).

Using the latest computer technology, we can then produce a visual showing how your logo would look on the product of your choice.

Individual product specification sheets are available on request. Please phone 01253 600410 for details.

VISIT THE GLASDON WEBSITE www.glasdon.com

...Buy With Confidence

For information on other Glasdon products, please contact our Sales Office by Telephone: 01253 600410 or Fax: 01253 792558.

HOW TO ORDER
To order direct from this Catalogue, please telephone 01253 600410 or fax 01253 792558. Alternatively, simply post your order to the address below.