

**INVICTA**



**MINSTER**



**SWALE**



**MEDWAY**



Environmentally friendly recycled Rubber  
Bollards manufactured in Great Britain



Cert. No. 1687  
ISO 9001

**ilp**

island leisure products



# INTRODUCTION

Our recycled rubber bollards are manufactured using milled, sieved and graded Styrene Butadiene Black Rubber in reclaimed truck / lorry tyre granulate, bound together using a 8% ratio of moisture curing Polyurethane Pre-polymer.

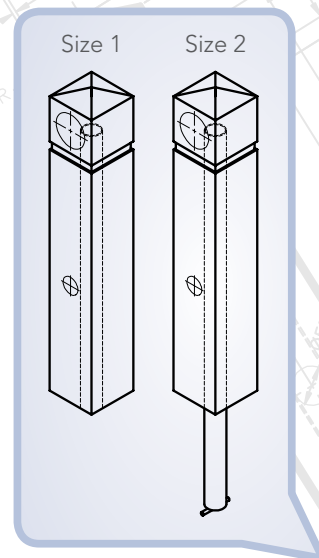
All our bollards are hydraulically pressure moulded using the same SBR granulate material throughout. Each bollard has an integral steel reinforcing tube resulting in exceptional impact resilience as well as damage to vehicles kept to a minimum due to the cushioning effect of the rubber surface. All of our bollards carry an **ilp** Year of Manufacture Quality Control Badge.

Life expectancy is far greater than the equivalent products manufactured from steel, plastic or wood as they will not rot, crack, rust or split. They are also resilient to gardening equipment such as lawnmowers and strimmers as well as being resistant to road salt, paint, detergent, animal waste and weed killer.

Medway, Swale or Invicta bollards are supplied complete with 25mm wide reflective bands available in Red, Red & White, White, Blue or Yellow. Colour to be specified when placing an order.

Manufactured from 100% recycled truck tyres & internally steel reinforced

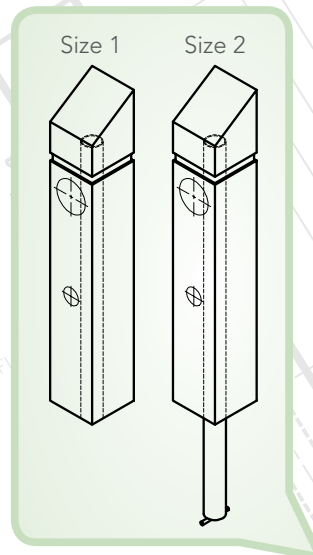
- The MEDWAY bollard has a pyramid top
- **Size 1:** 162mm x 162mm x 700mm BLACK BOLLARD (1000mm OVERALL LENGTH). 700mm above the ground 300mm in the ground
- **Size 2:** 162mm x 162mm x 1000mm BLACK BOLLARD (1380mm OVERALL LENGTH). 1000mm of recycled rubber above ground and 380mm extended steel tube in ground
- Galvanised steel reinforcement tube at 60.3mm diameter with a 3mm wall thickness
- Weight 26 kg
- Maximum of 56 x bollards per pallet
- Medway bollards can also be supplied with 110mm Ø or 150mm Ø reflective disc available at an extra cost, with many highway code options available.



MEDWAY

# SWALE

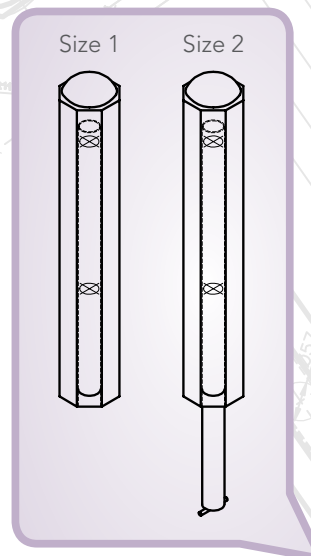
- The SWALE bollard has an angled top section
- **Size 1:** 162mm x 162mm x 700mm BLACK BOLLARD (1000mm OVERALL LENGTH). 700mm above the ground 300mm in the ground
- **Size 2:** 162mm x 162mm x 1000mm BLACK BOLLARD (1380mm OVERALL LENGTH). 1000mm of recycled rubber above ground and 380mm extended steel tube in ground
- Galvanised steel reinforcement tube at 60.3mm diameter with a 3mm wall thickness
- Weight 26 kg
- Maximum of 56 x bollards per pallet
- Swale bollards can also be supplied with 110mm Ø or 150mm Ø reflective disc available at an extra cost with many highway code options available.



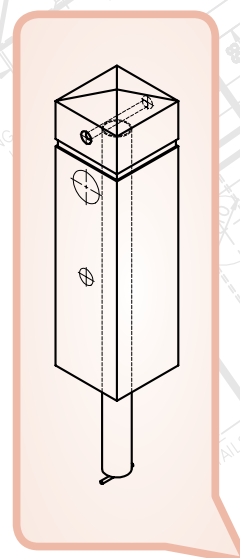
Island Leisure Products are the only UK manufacturer of recycled rubber bollards made using this process

# MINSTER

- The MINSTER octagonal bollard has a domed top, is 162mm across the flats and comes with 2 x premoulded recesses that can have reflective discs inserted in opposite faces only – this bollard does not come with a reflective band
- **Size 1:** 162mm octagonal shape x 700mm BLACK BOLLARD (1000mm OVERALL LENGTH). 700mm above the ground 300mm in the ground
- **Size 2:** 162mm octagonal shape x 1000mm BLACK BOLLARD (1380mm OVERALL LENGTH). 1000mm of recycled rubber above ground and 380mm extended steel tube in ground
- Galvanised steel reinforcement tube at 60.3mm diameter with a 3mm wall thickness
- Weight 23kg
- Maximum of 56 x bollards per pallet.



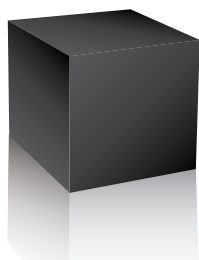
- The new INVICTA PROTECTOR bollard has a pyramid top and is substantially reinforced with a 4mm wall thickness x 90mm diameter galvanised steel tube giving greater strength for high impact
- Only available in one size, it is a hefty 260mm x 260mm with an overall length of 1380mm giving 1000mm above ground
- This bollard can carry signage at 110mm Ø or 150mm Ø whether it be parking / traffic signage or town crests & company names etc
- It has a pre moulded 22mm Ø hole so that lifting equipment can be attached because of its weight of 75kg
- This bollard can also act as a door protector, preventing damage from forklifts/lorries/ vans etc.
- Due to its sheer size it has a significant presence on the road side.



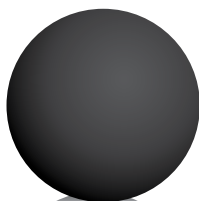
Please note: All of our black SBR products will give off carbon black residue that will stain clothing with excessive contact.

Ø88.9, 4mm GALVANISED STEEL  
Ø10 STEEL SPINDLE, 130mm LG

## NEW PRODUCTS FOR 2013



- 400mm cube with 20mm radius on all edges
- Can be supplied 400mm and 500mm high
- Generally for Road Side use but can also be used as seating in pedestrian areas when manufactured from our range of coloured EPDM rubber.



- 450mm Ø sphere available in black SBR or coloured EPDM
- Supplied for roadside use as well as pedestrian areas.



- 250mm Ø bollard with a 60° sloping top section
- max length 900mm



when using signage please refer to the highway code