

## BARRIER BOX FOR **CONTAMINATED GROUND** BELOW GROUND BOUNDARY BOX TELESCOPIC GUNMETAL BASE MANIFOLD

Class 2. 16 Bar pressure rating Grade B or Grade C load bearing  
Approved for contaminated ground to BS 5834-1:2017 and tested and certified to BS8588:2017



| PRODUCT CODE | SURFACE BOX  | CLASS     | A (min/max) | B    | C     | D     | E     |
|--------------|--------------|-----------|-------------|------|-------|-------|-------|
| MBB2010C     | Grade C      | 2.N.SBC.T | 485-758mm   | 39mm | 242mm | 227mm |       |
| MBB2010B     | Grade B      | 2.N.SBB.T | 517-791mm   | 39mm | 242mm | 227mm | 250mm |
| MBB2010DI    | Grade B (DI) | 2.N.SBB.T | 505-778mm   | 39mm | 242mm | 232mm | 247mm |



**BARRIER BOX GUNMETAL BASE Below Ground Boundary Box**

## BARRIER BOX BELOW GROUND BOUNDARY BOX

Class 2. 16 Bar pressure rating Grade B or Grade C load bearing

Approved for contaminated ground to BS 5834-1:2017 and tested and certified to BS8588:2017

| Feature             | Specification  |
|---------------------|--|
| Frame and Cover     | Grade C: Glass filled polypropylene. Universal 8° tilt. Pluck lid with square frame. Lid tether as standard.<br>Grade B (polymer): Glass filled polypropylene. Universal 8° tilt. Pluck lid with square swivel plate. Lid tether as standard.<br>Grade B (DI): Ductile iron. Minimal tilt. Square frame. Unsealed & hinge opens over 90° to allow for free standing.<br>Load bearing according to BS 5834-2:2011 |
| Guard Tube Material | Lower tube PVC, upper tube recycled PP   |
| Guard Tube Profile  | Cylindrical with 188-200mm diameter / 4mm wall PVC tube  |
| Height Adjust (apr) | See table above (inc. 50mm final height adjustment in surface box and 25mm guard tube overlap).  |
| Frost Protection    | As standard in accordance with BS 5834-1:2017  |
| Water Tightness     | Unsealed Class 2   |
| Shut Off Device     | ¼ turn spherical valve. Green knob as visual identifier of contaminated ground manifold.   |
| Inline Check Valve  | In accordance with BS EN 13959: 2004 Family E Type B (BS 5834-1-2017: 10.3.6)  |
| Manifold            | Gunmetal CC491K  |
| Meter Connection    | 1½" BSP concentric meters to BS EN ISO 4064; Q3 4.0 (Qn 2.5)   |
| Head Loss           | < 3 metres @ 25 l/min flow rate with meter   |
| Inlet               | ¾" BSP Female  |
| Outlet              | ¾" BSP Female  |
| Blank Plugs         | Full Flow (standard), Trickle Flow (optional), No Flow (optional). 27/28 mm tapered A/F hexagonal upstand  |
| Pallet Quantity     | 20 per pallet  |
| Tools               | BOP77011-28: 28mm socket for meter plug & NRV<br>BOP77008 - Short T-bar 400mm long<br>BOP77009 - T-bar extension 500mm long  |

The technical data and performance may be modified without prior notice depending on the technical advances.

