



**PRODUCT SPECIFICATION**

**MATERIAL:**  
GRADE S235 MILD STEEL, 5mm WALL

**FINISH:**  
HOT DIP GALVANISED -  
BS EN 150 1461 (1999),  
available with,  
POLYESTER POWDER COATING

**WEIGHT:**  
16.8 KG Approx

**EXTRAS:**  
Bollards in this range can come with the following:  
- Flat or semi-domed cap  
- Turned grooving  
- Hazard class 2 reflective banding  
- Chain connections

**ROOT FIXED INSTALLATION:**  
1. Determine suitable location for bollard. Perform visual checks, scan and check drawings for utilities/live cabling.  
2. Evacuate cubed foundation for bollard. (Guidance: See Drawing)  
3. Locate bollard centrally in evacuation hole, cast C30 concrete or similar medium slump around bollard. Ensure bollard is vertical in all planes. Pour concrete into bollards with separate caps, fill to brim then cap.  
4. Allow the foundation to cure. Concrete should be protected by polythene during the first 24 hours following installation.

Foundation sizes given are for customer guidance and suited to sub-soils with good load bearing capabilities. Where adverse site conditions are met professional advice to be sought.

For operation and maintenance please refer to the **Marshalls Street Furniture Maintenance Guide**.

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RevNo	Revision Note	Date	Signature

Title:  
**RB119 114x1250 WFC RF STANDARD**

Drawing No:  
**PS-RH-BL-10125/956**

<b>DO NOT SCALE DRAWING</b>		<b>A4</b>
Scale: N.T.S.	Sheet: 1 of 1	

**Marshalls**  
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Unless otherwise stated:  
ALL DIMENSIONS ARE IN  
MILLIMETERS

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