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Manchester

Bio-Polymer Bollard

Compatible with all foundation options of our street bollard range.



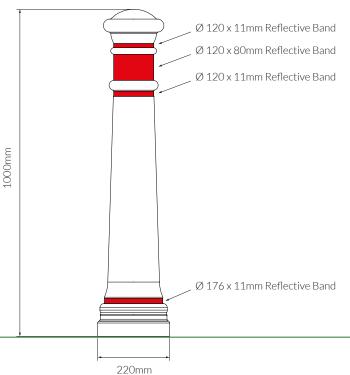
Our Manchester bollard is the perfect replacement for traditional cast iron bollards. It's lighter, easier to install and better for the environment.

Part of our versatile range of street furniture, the Manchester bollard is designed for town or city centres, public spaces, along footpaths, or anywhere else you need to restrict vehicle access.

- Made form our Bio-polymer
- Robust and lightweight just 3.5 kgs*
- Ground socket easy to replace and reinstall
- Steel core pedestrian and asset protection
- Great for the environment and your budget
- Easy to transport and install
- No manual handling issues
- Fully recyclable



Specifications



Renewable and sustainable material:

Our Manchester bollard is made from a bio-polymer derived from sugar cane.

What are the benefits to the environment?

When sugar cane grows it absorbs CO2. This 'carbon capture' actually reduces the carbon levels in the atmosphere - a negative carbon footprint. The sugar cane production is regulated and adheres to local and international standards of sustainability. Plantations are prohibited from expanding into areas which would negatively impact bio-diversity and they do not take away arable land for farming, so there is no impact on food security and availability.

Material	Bio-Polymer
Colour	Black
Weight*	From 3.5kgs (concrete-in root)
Sign face	N/a
Optional Banding	80mm 3 x 11mm Or none
	Red White Red & White Custom
Installation options	Steel-core Bolt-down Concrete-in root
	LockSafe®- Root LockSafe® Socket
Recyclable	Yes
Warranty	1 Year full manufacturers warranty

Foundations LockSAFE-SQ Root LockSAFE-R Root **Bolt Down Concrete-in Root** Steel-Core (Surface Mounted) (Same root as LockSafe-SO (Flange Fixed) Secure 1320 x 114 x 5mm but without the mechanism) mild steel insert Retrofit - Glasdon 400mm LockFast™ Socket TMP Socket Retrofit - Glasdon ("Square" Socket) (For LockSafe-SQ root bollards) **Ground Socket** ("Round" Socket)

Our bollards can be installed in a 400mm wide by 400mm deep excavation using quick-setting concrete, e.g. Grade QC10, but the exact installation requirements should be assessed by a site survey. We recommend our LockSafe® socket is bedded on gravel to help drainage and alignment.

Note: It is important to avoid contact between the socket or bollard and hot tarmacadam as this will impair performance.



