



*Domed top bollard
with 80mm Strip*

Product Benefits

This range of bollards is stronger and has a higher impact performance compared to traditional materials.

No requirement for steel inserts

Dimensionally stable

Consistent quality

Weatherproof

UV resistant

Impervious to water

Cut to size

Quick and easy to install

Innovative recycling technology

The TDP Recycled Products Range is produced entirely from mixed waste plastics that would have been destined for landfill

100% recycled

100% recyclable

Each tonne used saves 1.66 tonnes of CO₂



Specification

Description	Made using 100% high quality recycled mixed waste plastic from post industrial and consumer use and where necessary selected process additives.	
Composition	Bollards are composed of a proportion of LDPE (Low Density Polyethylene), HDPE (High Density Polyethylene), PP (Polypropylene) and other thermoplastic materials.	
Production process	The polymers are ground, mixed and fused under high temperatures and pressures into pressed moulds.	
Finish	The surface is evenly coloured and shows a textured structure.	
Properties	<ul style="list-style-type: none"> Maintenance free Durable UV Resistant Dimensionally stable 	<ul style="list-style-type: none"> Non-rotting Environmentally friendly 100% recycled and recyclable Shock proof and flexible

Performance	Property	value	
All figures quoted are averages and should be checked for specific applications	Density	0.924 Kg/dm ³	
	Linear expansion coefficient	0.075 mm/m/ °C	
	Moisture absorption	<0.46%	
	E-module	500 MPA	
	Breaking strength	9.0 – 15.5 MPA	
	Elongation at break	14.9%	
	Maximum pull strength	15.5 MPA	
	Impact resistance:	average	12.5 – 17.8 Kg/m ²
		average	0.48 – 0.7 J
	Bend test:	e-module	550 MPA
Max. press force		22.2 MPA	
Bend at max. press force		7.5%	
Chemical stability	Resistant to most common chemicals - contact us for specific information		

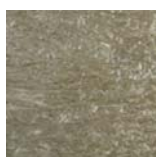
Dimensions

BOLLARDS	Size		Top Detail		Colour	Reflective Strips In Yellow, Red or White		
	Code	Diameter (mm)	H (mm)	Domed	Curved	Black only	25mm	50mm
ZBL01	125	1200	✓		✓	✓	✓	✓
ZBL02	125	1500	✓		✓	✓	✓	✓
ZBL03	125	1200		✓	✓	✓	✓	✓
ZBL04	125	1500		✓	✓	✓	✓	✓
ZBL09	132	1200	✓		✓	✓	✓	✓
ZBL10	132	1500	✓		✓	✓	✓	✓
ZBL11	132	1200		✓	✓	✓	✓	✓
ZBL12	132	1500		✓	✓	✓	✓	✓
ZBL13	150	1200	✓		✓	✓	✓	✓
ZBL14	150	1500	✓		✓	✓	✓	✓
ZBL15	150	1200		✓	✓	✓	✓	✓
ZBL16	150	1500		✓	✓	✓	✓	✓

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Black



Mid-brown



4765



For more information or to order please contact: TDP Limited, Derby Road, Wirksworth, Derbyshire DE4 4BG
 Tel: 01629 820011 Fax: 01629 820022 email: info@tdpltd.com Website: www.tdpltd.com