

Parking & site safety

Product Selector



Bollard Product Selector

Scale

1 metre

This is a summary, please refer to the product brochure for full details on all options available.

	HERITAGE			SENTINEL			WOBURN		REGENCY		EDGEMINDER	MONARCH	STERLING	VERGEMARKER	LINSIGN 300				LINSIGN 230				
Version	150	150	Deco	150	150	Deco	150	75	150	Deco					Heritage	Heritage	Sentinel	Sentinel	Heritage	Heritage	Sentinel	Sentinel	
Type		Visibol			Visibol											Visibol		Visibol		Visibol		Visibol	
Dimensions (mm)	Height	1024	1024	921	1030	1030	926	1084	1009	1030	910	510	800	800	938	1419	1419	1419	1419	1352	1352	1352	1352
	Diameter	171	171	171	166	166	166	185	185	166	166	130	170	170	125	364	364	364	364	339	339	339	339
Material Options	Standard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
	Reflex	✓	-	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
	ECO	✓	✓	✓	✓	✓	✓	-	-	-	-	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Fixing Options	PM Permanent	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	S Socketed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
	AR Anti-ram	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
	SM Surface	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Banding Options	Class ref 1	✓	✓	-	✓	✓	-	✓	✓	✓	-	✓	✓	-	-	✓	✓	✓	✓	✓	✓	✓	✓
	Class ref 2	✓	✓	-	✓	✓	-	✓	✓	✓	-	✓	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Decorative	✓	✓	✓	-	-	✓	-	-	-	✓	✓	-	-	-	✓	✓	-	-	✓	✓	-	-
DDA Compliant	✓	✓	-	✓	✓	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	

Choice of Material

Reflex (Self Righting)

Reflex bollards are manufactured from a tough and durable material, which enables the products to withstand impact from any direction and return to an upright position and continue in service. Specify Reflex material for vulnerable locations where conventional bollards would otherwise require frequent replacement.



Where reflex material is specified with either a Socketed or Surface Fixing the product is only suitable for very low speed impacts.

ECO

ECO bollards are manufactured using a combination of 50% chipped plastic bottles and 50% regular polymer. Using chipped material reduces the environmental impact of re-processing to the absolute minimum. ECO bollards are available in black or an attractive stone effect finish which, due to the nature of the material, will vary slightly.



Fixing Options

Permanent Fixing (PM)

For permanent fixing the bollard base is concreted in below ground. The bollard is supplied as a single unit with a moulded-in anchor section that is set into the concrete ensuring that the bollard cannot be removed.



Anti-Ram Fixing (AR)

The bollard is supplied as a 'sleeve' that sits over a robust steel tube core that is permanently concreted into the ground. Effective as a deterrent only to 'ram raiding' (not PAS 68 classified) and also enhances pedestrian safety within high risk areas.



Socketed Fixing (S)

This two piece system allows the bollard to be quickly removed to allow immediate access or replacement. The bollard comes with a moulded-in 'bayonet' end that fixes (by rotating through 90 degrees) into a lockable base unit that has been set in concrete below ground level. A blanking cap is available for when the bollard is removed. Where reflex material is specified the product is only suitable for very low speed impacts.



Surface Fixing (SM)

The bollard is supplied with an integral circular base with four bolt holes for quick and easy fixing onto a suitable concrete base. Ideal in a wide range of situations and particularly suitable for multi-storey car parks, bridges and any situation where below ground services or membranes might be vulnerable. Where reflex material is specified the product is only suitable for very low speed impacts.



Reflective & Decorative Banding

Aluminium backed British Standard Reflective Banding (BS EN 12899-1 2001)

Class ref 1 Engineering Grade

Applications: Non Highway traffic signs, emblems, street name plates and other general signage.

Benefits: Provides good level of reflective performance, appearing both bright and legible in daylight and at night. 7 year effective performance life.



Class ref 2 High Intensity

Applications: Highway traffic safety applications where night time visibility is paramount.

Benefits: Provides high level of reflective performance. Class 2 material is approximately 3.5 times brighter than Class 1 material and provides a 10 year effective performance life.



Decorative Banding

Gold and Silver metallic decorative banding is available as a standard optional extra to add a stylish and traditional look particularly in heritage or prestige environments. If there is a special requirement to use coloured or reflective material on the decorative band this may also be possible by quotation subject to quantities and lead times.

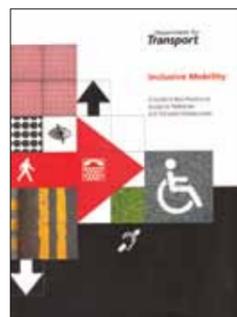


Standard

Standard Moulded Polyethylene (PE) is extremely durable with outstanding impact, fracture and shatter resistance properties tested to BS2782. PE is also 100% recyclable allowing the material to be reused at the end of the bollard in-service life.

Disability Discrimination Act (DDA)

The DDA seeks to ensure that public spaces and buildings are accessible to all. Bollards are an important safety feature of urban landscapes and the principles of the DDA apply in their design and use. We have an extensive range of products that comply with these requirements and for convenience these are indicated accordingly.





Night Owl™ is an all plastic, recyclable, passively safe, self righting 'Keep Left' bollard comprising a 'bounce back' base unit and replaceable rigid sign carrier.

Night Owl has passed BS8442:2006, 'Retro Reflective Self Righting Bollards' which requires products to remain intact, returning to an upright position after a 70 km/h impact without reducing the speed of the vehicle by more than 3km/h.

Night Owl has particular application as a Keep Left bollard providing a durable, low maintenance cost, reduced carbon footprint solution for traffic islands in general.

See the Night Owl brochure for detailed information.

Night Owl is a Trademark of Leaffield Environmental Ltd



Salt & Grit Bins

- 200 & 400 litre capacities available
- Double skin perimeter lid for greater rigidity
- Robust rib structure for added strength
- Wear resistant base
- Fork lift space for easy manoeuvrability
- 200 litre units nest up to five high, 400 litre units nest up to four high (180 degree, 60% nest for a stable stack)



Highway Use



610L



610R



611



Blank White

Non Highway Use



Delivery Point



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