

# Bollard Guardrail

200



Strong, durable and highly visible, **A-SAFE** Bollards are a multi-functional product, critical for traffic management in the workplace and the segregation of people from vehicles.

#### IMPACT ABSORPTION

Scientifically designed, with an inbuilt absorption layer, **A-SAFE** Bollards are able to flex on impact, absorb forces and reform to their original shape.

#### HIGHLY VISIBLE

Accident prevention is a priority. The visual prominence of **A-SAFE** Bollards permanently reinforces a driver's attention to safe driving and can also act as guidance along traffic routes.

#### ULTRA-LOW MAINTENANCE

Scratch resistant, non-corrosive and with no need to repaint, **A-SAFE** Bollards offer a permanent visual aesthetic.

#### NO FLOOR DAMAGE

The flexible, reformatory properties of **A-SAFE** Bollards mean floors are protected from damage.



“**A-SAFE** have been tremendously effective in providing protected walkways for public safety. The reason we chose **A-SAFE** Bollards was because of price, ease of fitting, visibility and durability.”

**Bluewater Shopping Centre, Kent**  
Senior Facilities Manager

## PROTECTING...

**PEOPLE, PROPERTY, PROFITS AND PERFORMANCE**

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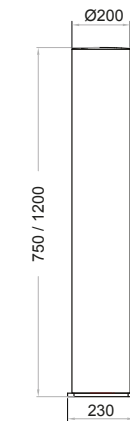
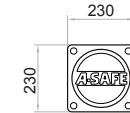
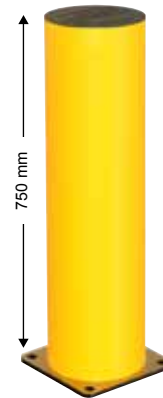
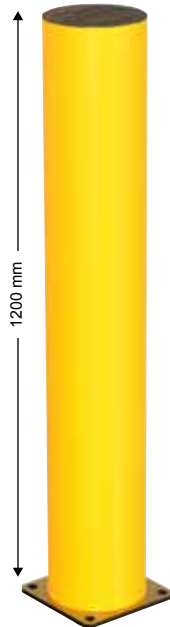


### SPECIFICATIONS

Angle of impact		90°
Tested impact energy (Joules)		5400
Equivalent vehicle weight (kg)		5700
Equivalent vehicle speed (km/h)		5
<b>Material Properties</b>		
Temperature <b>MEMAPLEX™</b>		-15°C to +50°C
Temperature <b>MEMAPLEX®</b>		-40°C to +30°C
Chemical Resistance		Excellent - ISO / TR 10358
Fire Rating		HB
Food Contact		Yes
Toxicity		None
Conductivity		No
<b>Environment</b>		
CO <sub>2</sub> / 1200mm Bollard		46.02
CO <sub>2</sub> / 750mm Bollard		28.8
Recyclability		100%

Terms and conditions apply

### DIMENSIONS



1200mm 006-0002  
750mm 006-0004

All dimensions in mm

When compared to steel, **A-SAFE** barriers offer an annual and ongoing saving of 85% on repairs, re-painting, floor damage and other maintenance costs.

### VEHICLE SUITABILITY

Fully laden vehicle (kgs) travelling at the maximum speed (mph) the barrier can withstand at 90° impact

 <b>1,500</b> 6.0 mph @ 90°	 <b>2,080</b> 5.0 mph @ 90°	 <b>2,350</b> 4.7 mph @ 90°
 <b>2,650</b> 4.5 mph @ 90°	 <b>3,500</b> 3.9 mph @ 90°	 <b>3,560</b> 3.9 mph @ 90°
 <b>3,570</b> 3.9 mph @ 90°	 <b>3,650</b> 3.8 mph @ 90°	 <b>8,250</b> 2.5 mph @ 90°
 <b>8,730</b> 2.4 mph @ 90°	 <b>10,000</b> 2.2 mph @ 90°	 <b>13,050</b> 2.0 mph @ 90°
 <b>24,000</b> 4.7 mph @ 90°	 <b>36,000</b> 1.2 mph @ 90°	

Note: These are guideline figures. Please refer to full technical information for details.

### COMPONENTS



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