



SHOCK ABSORBING BOLLARDS

The Shock Absorbing Bollard (SAB) has the ability to shift sideways if hit at or near ground level.

If the impact is higher up the bollard, it can tilt up to 8 degrees, at which point it locks up offering maximum protection. Alternatively, if the contact is of a deflection or glancing nature, the SAB is able to rotate through 360 degrees.

Each SAB comes fitted with high impact polyethylene protective sleeves. The sleeves are U.V. stabilised and won't fade, rot, rust or peel. Standard class 1 reflective bands add improved low light visibility. **Never have to paint chipped, scratched or rusted bollards again.** (for more information on protective bollard sleeves see Section 1.1).

SABs are designed to be used anywhere vehicles are manoeuvring at low speeds, such as carparks and warehouses etc. The self centering design means the SABs can take repeated impacts without incurring permanent damage. They simply absorb the impact and return to their original position.

These unique characteristics result from the combination of clever engineering and the use of high tech composite materials. SABs are available in 140mm diameter in either core drilled in-ground or surface mounted models.

Note: Not recommended for high speed traffic environments.

Value features:

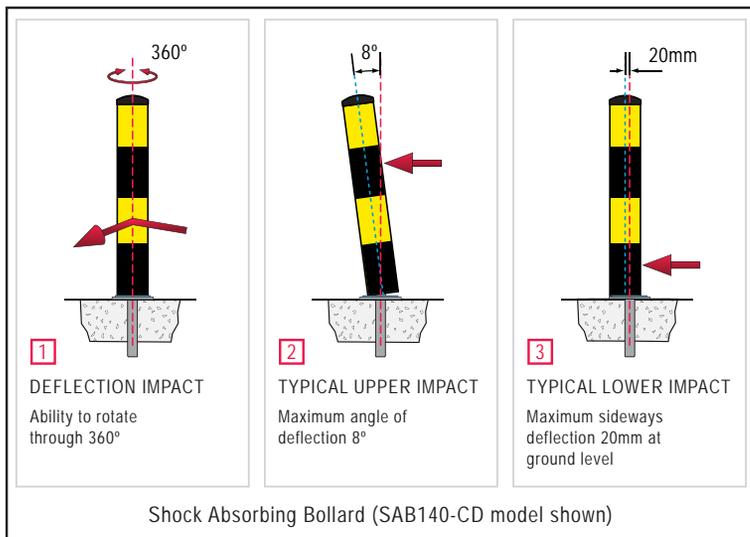
- » Eliminates damage caused by low speed impacts.
- » Moves in 3 directions simultaneously to absorb impact.
- » Suitable for indoor or outdoor use.
- » Ideal for carparks and warehouses etc.
- » Can take repeated impacts without sustaining damage.
- » Fitted with Yellow/Black protective polyethylene sleeves.
- » Absorbs the impact and returns to its original position.
- » Available in core drilled or surface mount models.

This is what can happen to rigidly fixed bollards with even a low speed impact. SABs simply absorb this kind of impact.

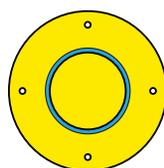


Specifications:

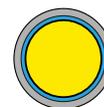
Description:	Shock Absorbing Bollard (SAB).
Material:	Mild steel and composite core structure.
Finish:	Yellow / Black high impact polyethylene sleeves.
Height:	1200mm above ground.
Diameter:	140mm (bollard).
Weight:	Approx. 33kgs.
Installation:	Core drilled – 50mm hole x 200mm deep. Surface mount – 4 x M12 x 102mm structural anchors (supplied).



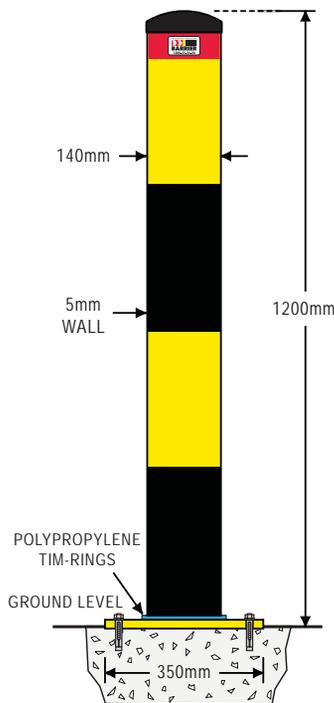
TOP VIEW



TOP VIEW

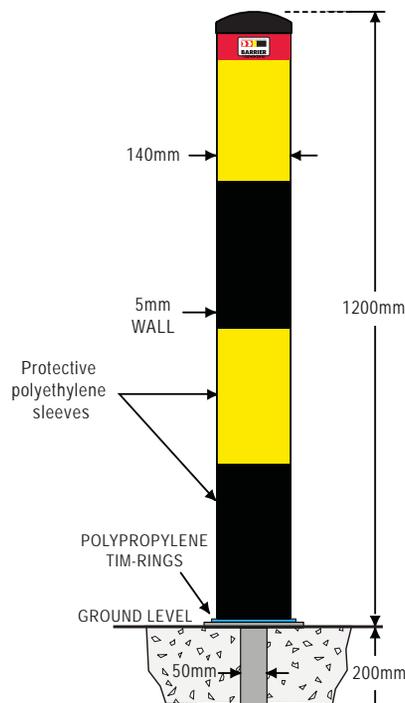


FRONT VIEW



SAB140-SM (Surface Mount Model)

FRONT VIEW



SAB140-CD (Core Drilled Model)



PLEASE NOTE

The vast majority of damage caused to assets is by vehicles manoeuvring at low speed. SABs have the ability to completely eliminate this damage.

PART No.	DESCRIPTION
SAB140-CD	Shock Absorbing Bollard – Core drilled 140mm dia.
SAB140-SM	Shock Absorbing Bollard – Surface mount 140mm dia.