



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:

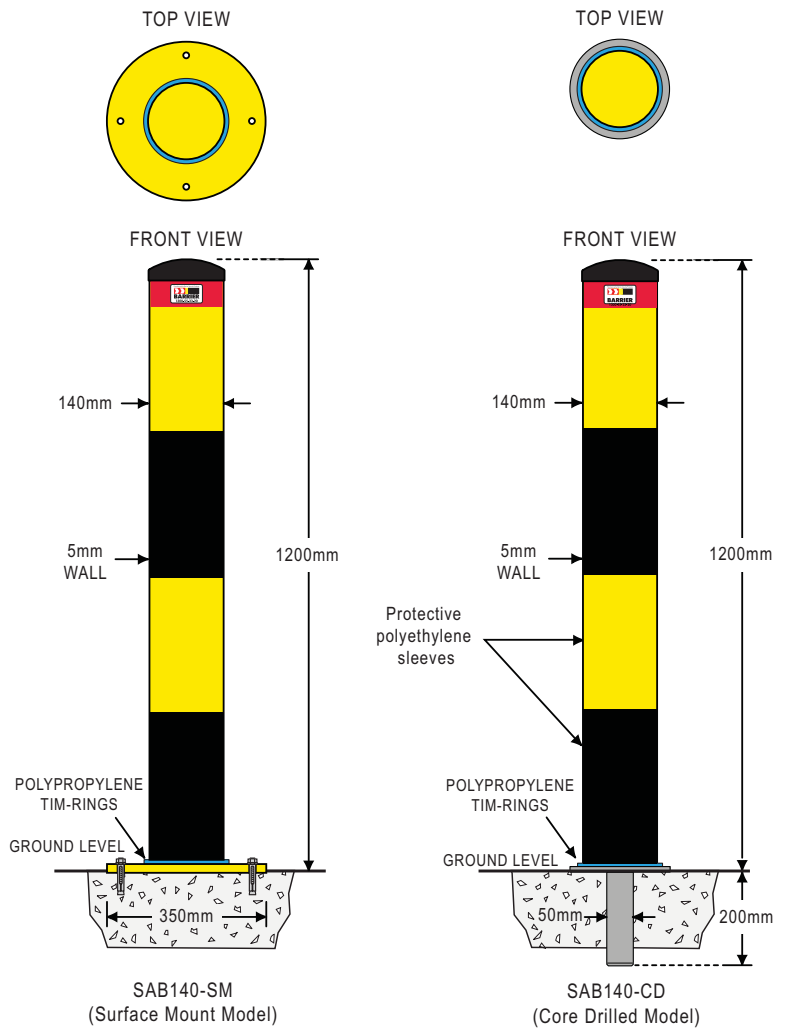
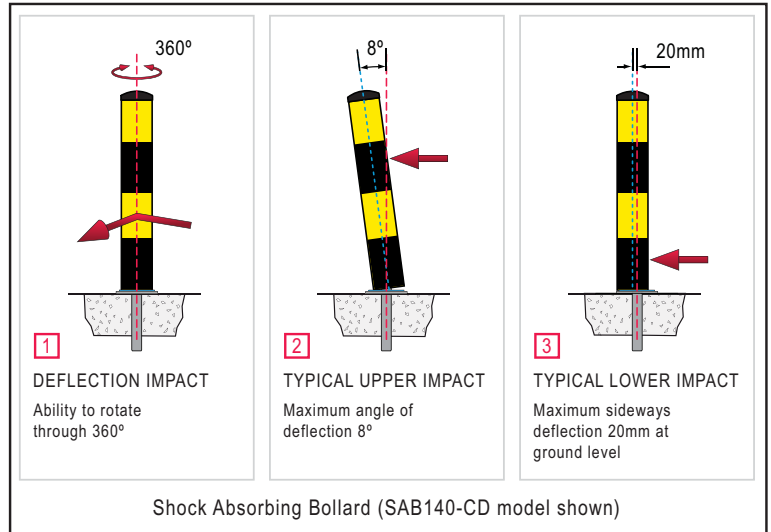
- » Eliminates damage caused by low speed impacts.
- » Moves in 3 directions simultaneously to absorb impact.
- » Suitable for indoor or outdoor use.
- » Ideal for carparks and warehouses etc.
- » Can take repeated impacts without sustaining damage.
- » Fitted with Yellow/Black protective polyethylene 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).



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.

LEGEND



AUSTRALIAN CONTENT

This product has been designed, developed and is either completely or substantially manufactured in Australia. (The minimum Australian content is between 50 and 100%).



NEW AND UNIQUE

This is a new and unique product. It has either been designed, developed and manufactured by the Barrier Group Pty. Ltd. or it is being seen here for the first time.



100% RECYCLABLE

This product is manufactured from virgin grade raw materials and is 100% recyclable using existing, readily available recycling technology and services.



RECYCLED MATERIALS

This product has been manufactured from either a combination of recycled materials and virgin grade materials or entirely from recycled materials.



HOT DIP GALVANISED

This product has been hot dip galvanised prior to any surface coatings being applied. Hot dip galvanised offers vastly improved corrosion protection and extended life in harsh environments.



FIXINGS INCLUDED

This product comes complete with all the necessary fixings to complete the standard installation. When comparing competitors prices against our own, always ensure they have included the fixings with the product (excludes gravel spikes).



5 YEAR WARRANTY

This product carries a 5 year limited warranty against structural failure due to faulty materials or workmanship in our manufactured products, OR structural failure and major fading due to U.V. degradation in our injection moulded products.

(For full conditions visit www.barriergroup.com.au).

WARNING

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IT'S AGAINST THE LAW – AVOID THE PAIN!