



Avon Barrier Company Ltd

(90.3)



The **Avon Crash Barrier System** is used for protecting building fabric, machinery and pedestrian walkways, etc, from vehicle impact on industrial estates, public parking areas, factory roadways, etc.

Designed and manufactured in the UK, Avon Crash Barrier systems have become increasingly popular with clients and specifiers as an effective means of physical protection.

With a full design and installation service, we are able to provide a swift and efficient solution to your total requirements.

KEY FEATURES

- ▶ Bolt down/grout in post system
- ▶ Optional beam height 560/760mm
- ▶ Varying post centres
- ▶ Hot dip galvanised to BS 729

BENEFITS

- ▶ Ease of installation
- ▶ Robust construction
- ▶ Application flexibility

Avon Crash Barrier System

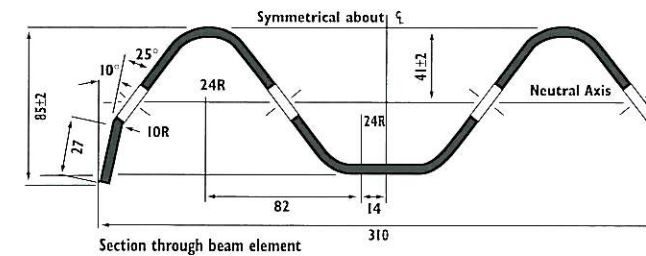
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Technical Specification

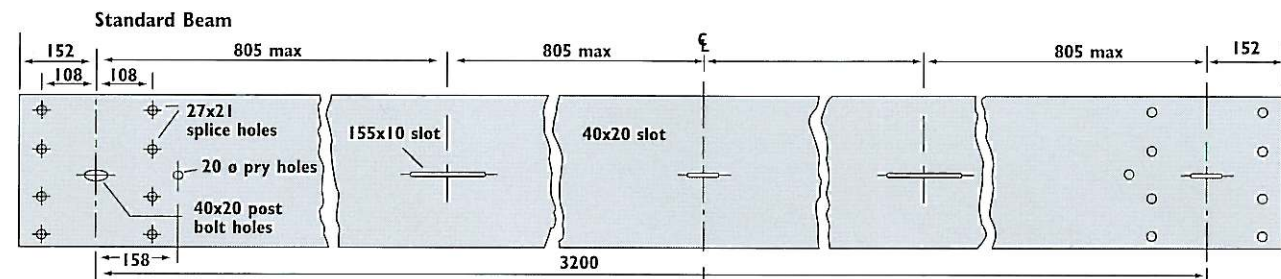
Avon Crash Barrier System

Avon Crash Barrier Beams are available in 3.5m lengths giving an effective length of 3.2m. The corrugated beam section has a thickness of 3mm with physical properties as per the table below. The RSJ type posts are available in bolt down and grout in form at different heights and can be installed at different post centres to suit site conditions (1.6m/3.2m). For MOT use, the Z section posts are utilized. All components are hot dip galvanised to BS 729.

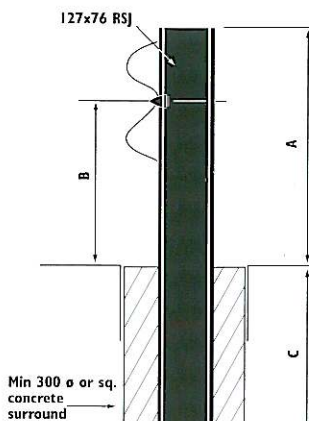


Corrugated beam dimensions and physical properties

Overall Length (m)	Thickness (mm)	Weight Kg/panel	Sectional Area cm ²	Section Modulus cm ³	Material Specification
3.5	3.00	42.4	14.40	26.00	BS EN 10 025 (1993) Grade S275

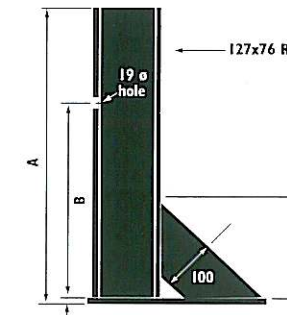


Typical arrangement at RSJ post in concrete surround



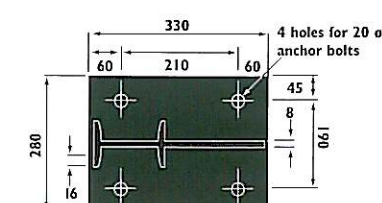
	A	B	C
P224 Type 3/1.1	600	412	500
P224 Type 3/1.5	800	612	700

*Z Section Posts 125x90x6mm suitable for M.O.T. contracts 125x90x5mm suitable for general use

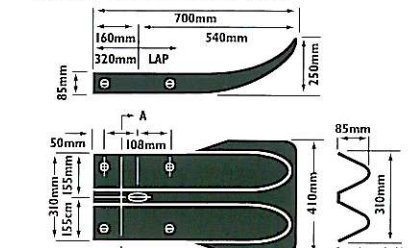


	A	B	*Car park height
P224 Type 1*	560	370	
P224 Type 2*	760	570	

Standard RSJ post for bolting down to concrete

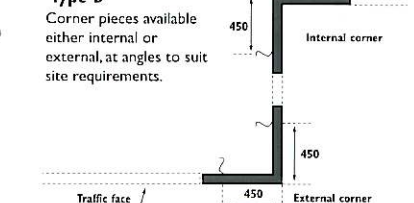


Standard terminal sections 'Type A'



Terminal sections 'Type A' are made of strong, ductile steel. They make the transition from a deeply corrugated section to a flat curve and are used primarily at exit ends of parking areas.

Corner sections 'Type D'



The Avon Barrier Company reserve the right to change or amend the specification of its products from time to time in furtherance of its policy of continued product improvements.

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Agent's Stamp