

ADEY STEEL LTD IS PROUD TO ANNOUNCE THE LAUNCH OF OUR NEW CAR PARK BARRIER SYSTEM **ADEY BARRIER**

For a number of years there has been a lack of choice of fully tested and approved barrier systems for car parks within the UK. **ADEY BARRIER** has been developed to offer a competitive and practical alternative for your car park barrier systems.

Adey Steel have undertaken significant barrier installation projects in car parks and industrial premises throughout the UK. However, these installations utilised a mixture of existing and dated systems that were available from a limited number of sources.

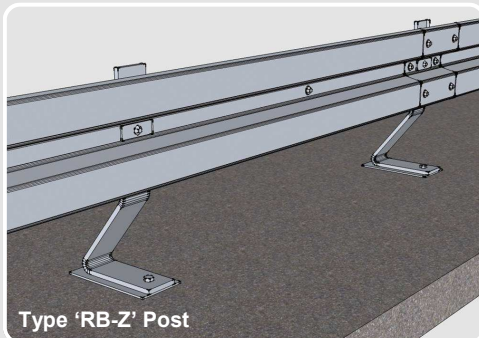


Testing of one of several ADEY BARRIER systems at MIRA

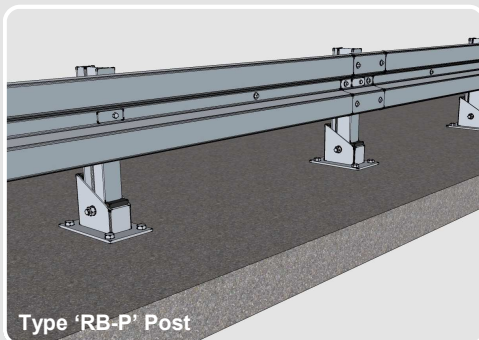
Seeing a market opportunity, and given recent changes in the legislation concerning car park barrier requirements, Adey Steel decided to significantly invest in a comprehensive R&D programme into car park barriers. The aim of this programme was to offer the market a competitive alternative barrier system to the only other tested product currently available. Testing was carried out at the independent test centre MIRA in accordance with BS6399 Part 1-1996 and BS6180. Adey Steel barriers also comply with the latest guidelines in the recent ICE reports into protection around structures.

Adey Steel are proud of this policy of continual investment, both in our workforce and equipment, which has also led to accreditation by the BCSA to Category 3 for projects to the value of £3,000,000 on the RQSC register.

ABSORBENT BARRIER SYSTEMS



Type 'RB-Z' Post



Type 'RB-P' Post

Adey Steel has extensively tested two main types of Car Park Barrier Systems. Both barrier systems use the **ADEY BARRIER** profile, which has a less intrusive width and is considered less industrial in appearance than alternatively available systems. This barrier profile is used throughout Europe on high speed roads, particularly on Germany's Autobahn.

ADEY BARRIER - System 1 - Spring Steel Post

The first system tested at MIRA was the **ADEY BARRIER - Spring Steel Post**, which minimises damage to the impacting vehicle and transfers a considerably reduced force into the Car Park deck (*which is typically less than 40kN*).

Several different versions of the spring steel post system have been tested by Adey Steel to form a number of solutions to the end user. These consist of a range of different shaped spring posts and a wall mounted barrier to represent actual installations.

ADEY BARRIER - System 2 - Rubber Buffer Post

The second system tested at MIRA was the **ADEY BARRIER - Rubber Buffer Post**, which has undergone several redesigns to present the best option for increased protection and intrusion. This system offers reduced impact deflections compared to the spring steel post system.

Both systems offer several options for mesh infill and handrail solutions.

Adey Steel Ltd
Falcon Industrial Park
Meadow Lane
Loughborough
Leicestershire, LE11 1HL

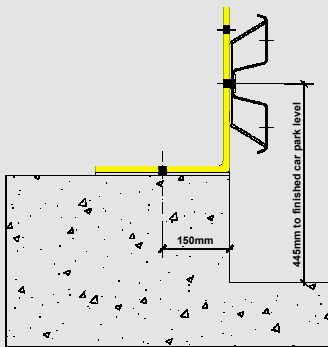
Tel: 01509 556 677
Fax: 01509 828 639
Email: mail@adeysteel.co.uk
Web: www.adeygroup.co.uk



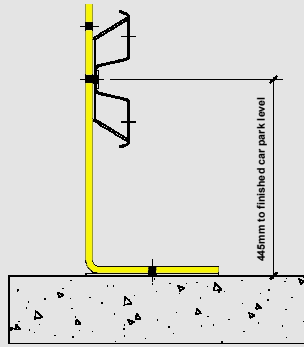
The Steel
Construction
Institute



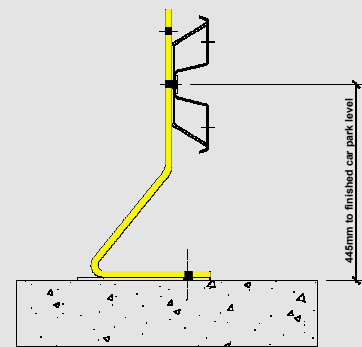
BARRIER FIXING DETAILS



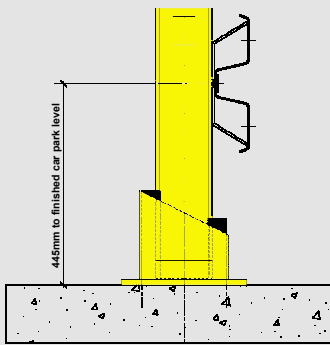
ADEY BARRIER
Type 'RB-L' Post
Plinth Mounted



ADEY BARRIER
Type 'RB-L' Post
Deck Mounted

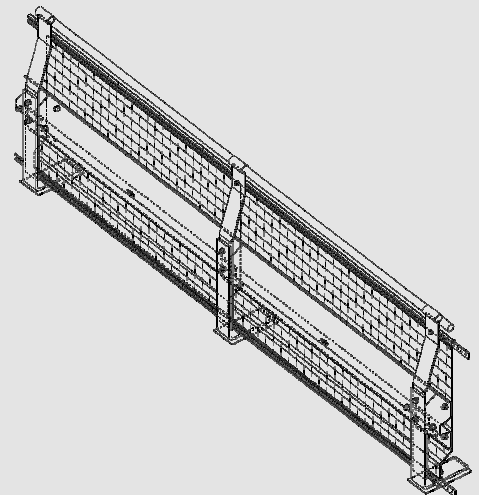
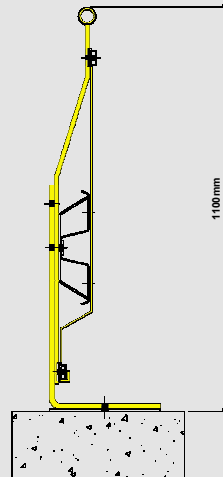


ADEY BARRIER
Type 'RB-Z' Post
Deck Mounted



ADEY BARRIER
Type 'RB-P' Post
(Rubber Buffer) Deck Mounted

All of the Systems offer several options for anti-climb mesh infill and handrail solutions.



Typical Handrail / Mesh

LATEST NEWS

Adey Steel awarded Gloucester Quays Car Park Barrier Contract - One of the Largest in the UK.

The unique innovation of the *ADEY BARRIER* system, and the benefit of our dedicated workforce with over twenty years experience within the safety barrier industry (*both in manufacturing and installation*), has resulted in Adey Steel being awarded the Gloucester Quays Car Park Barrier Contract.

This is one of the largest car park barrier contracts awarded to date in the UK and requires a total of 3,474m of car park barrier systems, whose component parts are broken down as follows:

- 600m of the **RB-L** (*Plinth Mounted*) barrier system
- 900m of the **RB-T** barrier system (*including mesh and handrail*)
- 1,661m of the **RB-L** (*Deck Mounted*) barrier system (*including mesh and handrail*)
- 100m of the **RB-W** barrier system (*wall mounted system*)
- 213m of the **RB-P** barrier system (*including handrail*)

This car park barrier contract provides an excellent showcase to demonstrate the benefits of the **ADEY BARRIER** system.

If you feel that the *ADEY BARRIER* system could benefit your project, please do not hesitate to contact us for a quotation or further information.