



Department of Transport



ENERGY ABSORBING BOLLARDS

Engineered to save lives

AB-EAB-WA

1. Australian Standards, MAIN ROADS Western Australia Standards and MAIN ROADS Western Australia Test Methods are referred to in abbreviated form (e.g. AS 1234, MRS 67-08-43 or WA 123).

For convenience, the full titles are given below: Australian Bollards Roadside Services and Saferoads Division; a subdivision of the NJM Group, is Australia's leading supplier when it comes to asset protection and public security, and our AB-EAB Energy Absorbing Bollards are no exception. Engineered to save lives, our Energy Absorbing Bollards are ideal for shopfront protection and high population density locations as they deliver safety to road users and pedestrians. Our EAB Energy Absorbing Bollards are capable of withstanding impact from a 1.6 tonne vehicle, travelling speeds up to 60 kilometres an hour. This is because of the bollards ability to absorb the kinetic energy from a collision by "giving" way yet decelerate the vehicle to a controlled and steady stop, keeping both driver and pedestrian safe from harm. Our Energy Absorbing Bollards are approved by Main



Roads WA Network and are compliant to Australian Road Safety Barrier System standards in AS/NZS 3845 (1999) putting it at the forefront of traffic, pedestrian and road safety solutions. Our AB-EAB's are also installed with additional shock absorbing cartridge that provides extra support in reinforcing the bollard. This makes it compliant with AS/NZS 1698 (2006). As well as our AB-EAB Energy Absorbing Bollards, our other impact solution in the AB-2.5T-64KPH Shallow Mounted Fixed Bollard System is perfect for providing high levels of security and protection for public places and properties as well as pedestrians. Engineered to IWA 14-1/PAS68 industry standards, the Shallow Mounted Fixed Bollard System is designed to halt large vehicles, delivering hostile vehicle mitigation to a whole new level.

1.1 The crashworthy bollard that is accepted for use on the Main Roads WA network is called the Energy Absorbing Bollard which is marketed under licence by Roadside Services & Solutions or Impact Absorbing Systems Pty Ltd.



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Transport for NSW



Government of South Australia
Department of Planning, Transport and Infrastructure



Queensland Government
Department of Transport and Main Roads



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