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ARMCO GUARDRAIL PROPERTIES

Description

ARMCO® Guardrail is a flexible vehicular safety barrier system that protects lives and property whilst minimizing damage to vehicles or their occupants. It is extensively used around the world and its effectiveness has been proven many times over.

APPLICATION

The **many applications** of ARMCO Guardrail include;

- Freeways and highways
- Protection from roadside hazards i.e.; bridge abutments, boulders, trees, posts, creeks or drainage culverts
- As a median barrier
- Protection for Gas Tanks
- Protective & delineation barrier in car parks
- Protection from Forklift & vehicle impact in and around factories and warehouses
- Column and pole protection
- Protective border for ramps and raised work areas
- Pedestrian assistance/barrier when fixed with handrail

CURVING

ARMCO® Guardrail **can be installed on curves** without affecting strength or safety. No special attachments are needed.

ARMCO® Guardrail sections can be supplied to fit any radius from two (2m) metres to forty-five (45m) metres.

Larger radius curves in excess of 45 metres can be obtained using standard straight sections.

HIGH IMPACT RESISTANCE

Due to its continuous beam design and join strength **ARMCO**® Guardrail can withstand heavy impact.

It has the ability to yield progressively under impact and as one section is deflected beyond its elastic limit, the load is transferred through the joint to the next section.

ARMCO® Guardrail is a much **more effective system** in this regard than bollards due to its nature of spreading the impact load.

ECONOMICAL

Since **ARMCO**® Guardrail consists of standard components it is a relatively economical form of protection.

ARMCO® Guardrail is a relatively uncomplicated product to handle and install. **ARMCO**® Barriers' skilled installers can complete extensive runs in short periods of time.

Steel posts can be driven, reducing excavation and concrete fill. Rail sections and accessories are then bolted on through pre-punched holes.

ARMCO® Barriers has its own team of factory trained installers that arrive with fully equipped and marked vehicles. Each installation team has extensive product and State Authority specification knowledge.

EFFECTIVE

ARMCO® Guardrail has stood the test of time as an effective crash and protective barrier as it is used worldwide, and has been for decades.

SAFETY

ARMCO ® Guardrail acts as a flexible barrier. When impacted it is designed to flex, similar to a large rubber band and deflect the errant vehicle back into its original path. This action means that there is generally significantly **less damage to the vehicle and its passengers** than with a solid barrier.

EASE OF MAINTENANCE

ARMCO ® Guardrail can be replaced by section, allowing for rapid repair and minimal interference to the remainder of the installation.

DURABILITY

ARMCO ® Guardrail is **hot dipped galvanized** after fabrication to ensure corrosion resistance. Galvanizing is in accordance with the relevant Australian Standard specification AS/NZS 4680 . Bolts, nuts, washers and all accessories are also galvanized to ensure continuity of quality.

APPEARANCE

The long curves and streamlined appearance of **ARMCO** ® Guardrail add to the general aesthetics of any highway.

All **ARMCO** ® products including Guardrail, can be supplied in a powder coated finish to comply with environmental concerns and corporate requirements.

QUALITY

Because all of **ARMCO** ® **Barriers** components must meet the stringent requirements of state and local road authorities, you can be assured of its quality as an effective barrier.

STANDARDIZATION & STOCK CONTROL

Standardization of components and diligent stock control ensures that replacement parts or standard stock items are readily available.

RECYCLABLE

Should circumstances arise where a situation no longer requires **ARMCO** ® Guardrail, it can be removed and erected elsewhere providing the integrity of its capabilities are not compromised.

ACCEPTANCE

ARMCO ® Guardrail is used or accepted by all State and local Highway Authorities.

ARMCO ® **BARRIERS** as a supplier and installer of Guardrail is a pre-approved tenderer with most state road authorities.

AUSTRALIAN MADE & OWNED

ARMCO ® **BARRIERS** is a wholly Australian owned and managed company.

ARMCO ® Guardrail is manufactured in Australia from Australian steels.

INSTALLATION SERVICE

The **ARMCO** ® **Installation Service** is the most professional in the market. We are the only manufacturer to offer installation of our own product. Our service includes;

- Factory trained teams to ensure that **ARMCO** ® Guardrail is installed to meet State Road Authority Standards.
 - All electrical equipment tagged for safety
 - All machinery is fitted with Reverse Signals and Flashing lights
 - All machinery and vehicles fitted with basic safety equipment such as First Aid kits and fire extinguishers
 - Company OH&S Policies and Procedures in place.
 - Public Liability Insurance and Workcover Insurance in place. Documents can be forwarded.
 - The only crew with Pneumatic Ramming technology which rams posts up to four times faster than conventional ramming.
 - State of the art communications systems to maintain contact and ensure job progression without interruption.
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