

Safety Guardrail – Fold Down, Concrete Mount

GRW.GBTF002 – 2.0m

GRW.GBTF003 – 3.0m

GRW.GBTF004 – 4.0m



Safety Guardrail Fold Down Concrete Mount

Applications

- Ideally suited to applications where aesthetics are critical
- The positive barrier system provides fall protection to plant and machinery requiring periodic access
- Ensures safe access to gutters and other unprotected fall edges
- Can be installed in conjunction with the Hart Walkway System

Advantages

- Unobtrusive appearance with option for powder coating
- Prefabricated, modular guardrail system ensures rapid installation
- Lightweight, high strength construction
- Designed and manufactured in Australia

Technical Data

Material

- Post Assemblies, Hand & Kneerails – Extruded high grade structural (6106/T6) aluminium with options for powdercoating
- Universal Elbows & End Caps – Die cast aluminium

Dimensions

- Handrail Component – 50mm diameter section mounted 1000mm to 1100mm above floor surface

Weight

- 2kg / m (approximate)

Fixings

- Concrete fixing (min 25 MPA) – M12 / 85mm mechanical concrete anchor
- If fixing to structural steel – M12 bolt.
- Handrail to post fixing – 12-14 / 20mm Tek screw
- Kneerail to post fixing – 12-14 / 50mm Tek screw

Rating

- 1200N applied horizontally mid span between posts of 2.0m spacing.

Compliance

Hart guardrails are designed and manufactured to conform with Australian Standards AS 1657:2018 and relevant statutory OHS Codes of Practice/Guidelines.

Testing

Testing and performance based on requirements of Australian Standard AS 1657:2018. Static load tested – 1.2kN applied horizontally on handrail component mid span between posts at 2.0m spacing.

Warranty

10 years from date of purchase subject to correct installation. Use and maintenance to be in accordance with manufacturer's specifications and recommendations. (This excludes wearing parts).

Inspection & Maintenance

Visual inspection for any damage or loose fixings must be done periodically and prior to use. No certified maintenance required. Basic wear/tear preventative maintenance is recommended, as per manufacturer's specifications and recommendations.

Important Notes

Failure to supply and/or install proprietary product in accordance with above standards and codes, specifications and instructions voids complete system certification and/or warranty.

Post spacing: maximum 2.0m intervals.

Technical Support

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