

# GRIDRITE

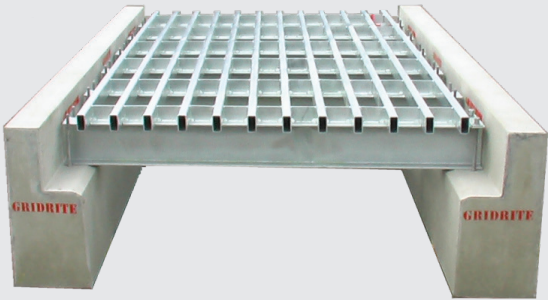


GOVERNMENT APPROVED STEEL FABRICATOR  
& PRECAST CONCRETER

- ✓ All Steel Hot Dipped Galvanised to AS 4680
- ✓ Engineered to AS5100 Bridge Code
- ✓ Steel Manufactured to AS 1554.1
- ✓ Quality Assured ISO 9001
- ✓ 40MPA Concrete

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GOVERNMENT & COMMERCIAL GRIDS



The Main Road Grid (MRG) has been engineered for heavy traffic loads or heavy axle vehicles in mind. This grid is suitable for council maintained roads and highways. This grid is engineered to AS5100 Bridge code, SM1600, HLP400 and has axle tonnage loads suitable for the mining sector.

**Variable Widths - 4m to 18m**  
**Abutment Heights - 650mm Standard**  
**950mm Optional**



		Alternative Heavy Axle Grid			
		Ton per single axle based on guideline from AS5100			
AS5100 Bridge Code Compliant Grid		16 Ton per axle	20 Ton per axle	24 Ton per axle	30 Ton per axle
AS5100 refers to SM1600, HLP320 & HLP400 loading					
2100 Span 2550 Overall	MRG21AS	MRG21 16	MRG21 20	MRG21 24	MRG21 30
2300 Span 2750 Overall	MRG24AS	MRG24 16	MRG24 20	MRG24 24	—
2700 Span 3150 Overall	MRG27AS	MRG27 16	MRG27 20	—	—

**Variable Widths - 4m to 18m**  
**Abutment Height - 525mm**  
**Span Overall - 2500mm**

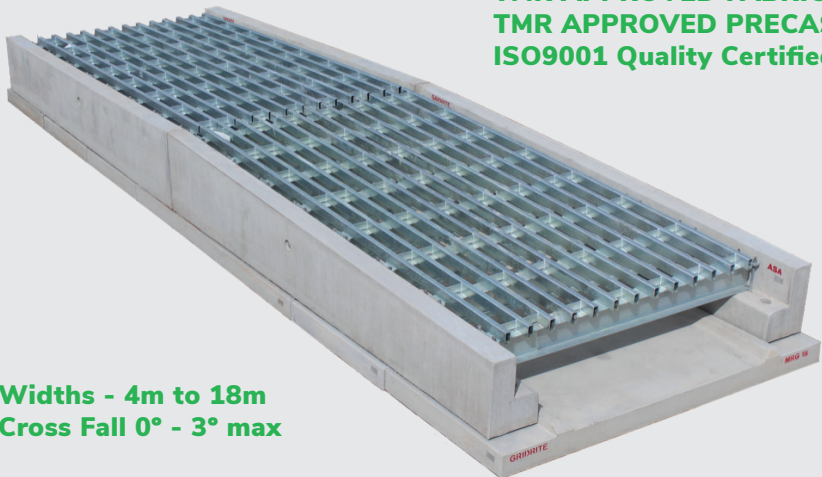
The Rated Grid (RG) is suitable for all council roads and public access roads. The RG is designed and engineered to AS5100 Bridge code. This grid has a 5° offset for smooth vehicle transition and is rated to 18T per single axle.



## **MRG18 GRID**

The MRG18 Grid is an approved design by QLD Transport Main Roads (TMR) for TMR maintained roads & projects. MRG18 grids are manufactured in accordance with standard drawings SD1561 - SD1565. Fabrication is in accordance to MRTS78 and precast concrete to MRTS72

**TMR APPROVED FABRICATOR**  
**TMR APPROVED PRECAST**  
**ISO9001 Quality Certified**



**Variable Widths - 4m to 18m**  
**Variable Cross Fall 0° - 3° max**

All government grids have the option to mount wings to allow fencing to be butted against to prevent stock jumping the corner of the grid. The wings are design to crumble in the event of vehicle collision and are easily removed to allow wide load vehicles to pass over the grid.



Our headwall's unique curved design helps minimise erosion at the ends of the abutments. They are bolted to the end of the abutments and back filled with appropriate soil.

*(Not applicable to MRG18 Grids)*

All government grids can be installed on concrete slabs. The purpose of slabs is to ensure the grid remains clean and free from weed growth and to allow better water flow under the grid. Slabs offer better stability on reactive soils

*(Required on all MRG18 Grids)*