

Safety Advice and Instruction using anti-slip/bauxite road plates

General Information

Marwood Group Ltd does not provide any data on loading and deflection the plate can take and withstand. It is the customer's responsibility to ensure the stability of this product, especially to support the load when bridging a void.

The current Safety at Street Works and Road Works Code of Practice does not specify how anti-skid road plates should be fitted to the ground. Road plates must (have chamfered edges), (integral ramps), (be sunk into the surface) or (have a suitable bitumastic material) to provide a ramp to the plate level. Where ramps exceed 15 mm in height, appropriate ramp warning signs should be used. The road plate must be secured when in use

Customers are advised to refer to the Traffic Advisory Leaflet that gives guidance on the use of road plates. (Currently TAL 6/14).

If in doubt, customers must contact their structural engineers before hiring/buying the plate.

Specifications

Type	Dimensions (mm)	Weight (kg)	Coating	Centre Lift	Number of holes	Holes diameter (mm)
MW-RP33AS	2.40 x 1.25 x 19	504	Anti-Slip	Yes	4	80
MW-RP4AS	1.25 x 1.25 x 19	233	Anti-Slip	Yes	4	80
RP33AS	2.44 x 1.25 x 19	495	Bauxite	No	4	80

Due to operational and logistical reasons, not all road plates may have the centre lift. Always check prior agreeing. Data above subject to change.

Pre-inspection checks

- Check the overall condition of the plate. Inspect for sharp edges, excessive distortion or security concern.
- Check the weld in plate for any sign of damage, crack welds and security concern.
- Check the lock and lift anchor device for any sign of wear, damage, distortion or security concern. Inspect heel pin for any sign of damage and security concern.
- Inspect Lock and Lift Anchor Device for any foreign debris that may prevent smooth operation.
- Ensure that the Lock and Lift Anchor Device has a valid Thorough Examination Report.

Instruction lifting road plate with lock and lift anchor

1. Always use appropriate PPE as per the site-specific risk assessment.
2. The lock and lift lifter must only be used with Marwood Road Plates or with Marwoods Airside Road Plates. The heaviest Marwood road plate is approx. 910kg.
3. Ensure that the road plate is placed and used with the correct side up. This can be identified with the anti-skid surface texture being on top, and the MWG Marking being on top.
4. Open the swivelling section fig b. This allows the jaw on the underside to narrow and drop into the centrally mounted hole in the load unit. Fig c.
5. Once it is positioned in the hole, close the swivels. This opens the jaws and positively locks the Lock and Lift Anchor Device into the load (road plate) fig d. It will remain locked until the swivels are opened again.
6. The Lock and Lift Anchor Device is now ready to be connected to a suitable lifting device.
7. Load units can now be lifted and positioned safely and efficiently. All load units must only be lifted vertically. No diagonal, side or lateral lifts.



Fig a.

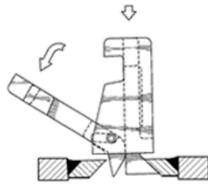


Fig b.

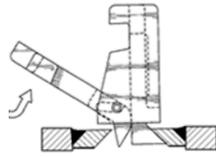


Fig c.

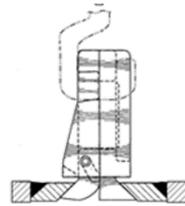


Fig d.

Advice to secure the road plate to ground is required

If road plates are used to cover a trench, the longer side of the road plates must be parallel with the trench line. The customer can use our hire accessories 4 x 90mm road plate collars with bolts and plate caps to anchor the road plates to ground. This task must be done by a competent person that had past experience securing road plates.

Maintenance

Avoid Metal Objects: Do not clean or scrape the surface with metal objects, as this can damage the anti-skid coating.

Remove Debris: After use, remove any debris, dirt, or loose materials from the surface of the road plate. You can use brooms or brushes for this purpose.

Pressure Washing: If the road plate is heavily soiled, you can use a pressure washer at a low setting with a mild detergent to clean it. **Be cautious not to use high-pressure settings that could damage the surface.**

DAMAGE TO ROAD PLATES ARE CHARGEABLE

NOT TO BE LIFTED BY FORKLIFT UNLESS USING WOODEN BARRIERS BETWEEN EACH PLATE