

# GENERATION

# Road Plates

## User Guide

LW/05.19



GENERATION  
HIRE & SALE  
SCAFFOLDING  
ACCESS  
GROUNDWORKS

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# **GENERATION SCAFFOLDING AND ACCESS SUPPORT FOR CONSTRUCTION AND INDUSTRY**

Generation is the largest UK supplier of access, scaffolding, safety and training products.  
Our customer promise is to deliver the:

## **BEST QUALITY**

We work in partnership with our suppliers to ensure we deliver consistent quality every time. We guarantee that our hire and sales products will meet and conform or exceed all statutory requirements and not let you down.

## **BEST AVAILABILITY**

We have the largest available UK inventory of scaffolding, access and safety products. Our branch network and delivery fleet will ensure that we deliver what you need, when you need it.

## **BEST PARTNERSHIP**

We provide a full range of engineering, design and business services to partner and work with our customers. Talk to us today about how we can help you to grow your business.

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We use our position as the largest UK supplier of scaffolding products to negotiate the best rates for you. We guarantee you will get the best value products and service when you hire or buy from us.

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# SPECIFICATION AND FABRICATION

## ROAD PLATE DIMENSIONS

All our road plates are available in the following specification.

Code	Description	Weight
420110	8' x 4' - 3/4" Steel Road Plate	420kg
420115	6' x 4' - 3/4" Steel Road Plate	315kg
420112	8' x 4' - 3/4" Anti-Skid Road Plate	420kg
420117	6' x 4' - 3/4" Anti-Skid Road Plate	315kg

Typically, for road works and environments where road plates are installed in the proximity of public and road works, installations are usually for 6ft and 8ft anti-skid road plates.

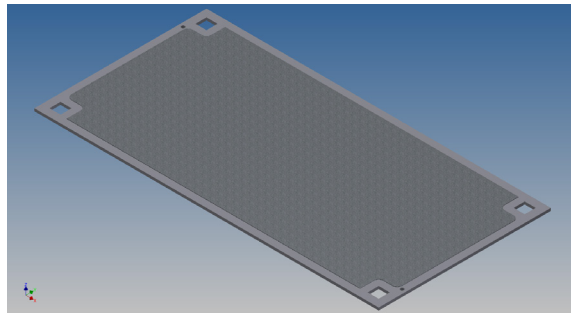
Maximum plate load up to 5.5 tonne over a maximum trench width of 800mm  
Please always refer to a competent temporary works engineer.

## ANTI-SKID RESISTANCE COATING

All our anti-skid road plates are manufactured using the industry leading, Skid Resistant Surfacing System.

## UK SAFETY STANDARDS

All of the Generation UK anti-skid road plates we manufacture, supply, repair or recondition are tested and verified to meet with all BBA standards and meet all required UK safety standards.



# HANDLING AND INSTALLATION

## HANDLING AND MOVING ROAD PLATES

Steel and anti-skid road plates must be moved and handled with care with the mechanical assistance of a forklift or a crane. It is not recommended to manually handle road plates due to their size and weight, doing so is at the user's own risk.

## INSTALLATION

Steel and anti-skid road plates must always be maneuvered into position with mechanical assistance. Once in the correct location and in position the road plate can then be lowered to the ground and secured.

Securing steel or anti-skid road plates to a road surface is done so by using the anchorage points located at each corner. Where applicable, tapered edges ramps and toe ramps must also be installed and securely fixed to avoid displacement or movement. Also, where applicable, handrails and guardrails should also be installed. This will not be required in all situations. However, events and public areas may require additional safety measures.

All road plates, steel or anti-skid are required by law to be securely fixed to the road surface to avoid any movement, accidents and injuries. It is also a requirement by law that, all authorities and or, contractors must also incorporate regular in-service checks ensuring the road plates are in working condition and free of any defects and damage.

## IN SERVICE CHECKS

Regularly inspect the trench walls to ensure the trafficked units are not overloading them. Check that the units are not moving longitudinally or laterally.

## UNINSTALLING ROAD PLATES

Steel or anti-skid road plates should not be handled solely by one person. Appropriate lifting equipment must be implemented for loading, unloading and installation. They must then be sorted correctly for transport, stacked one on top of the other, with 4" x 4" timber blocks placed between the plates to prevent aggregate and edge defects and damage.

# STORAGE AND TRANSPORTATION

## STORAGE AND TRANSPORT OF STEEL AND ANTI SKID

Steel or anti-skid road plates must be stored correctly when not in use. Failure to do so, will result in defects and damage - rendering your road plate unfit for purpose. Road plates, whether that be steel or anti-skid should be stowed in the following manner:

- Stacked neatly when not in use on a suitable, firm level surface and should be stacked on top of each other, with 4" x 4" timber blocks in between each road plate.
- They should be mechanically maneuvered using cranes or a forklift.
- Regularly checked for damage or defects and kept in a dry area. (if possible)
- Other tools, equipment and machinery should not be stored on top of, or leaning against road plates in storage.
- We also recommend road plates are kept in a secure, lockable area, ideally undercover to help preserve their longevity.

Steel and anti-skid road plates should be stacked as described above, before being securely chained to the transport vehicle. Road plates must be securely fastened to prevent any movement and damage during transit. We strongly advise you give time to correctly load and secure your road plates as the steel edges of road plates can become easily bent, warped and damaged during transit.

Any other queries please contact your local branch.

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