



 **vanguard™**

ROAD PLATES

- Rated to 44 tonne
- 2 man lift
- Fast and safe to install
- Anti-Skid surface

ROAD PLATE

Road Plate is a lightweight and long lasting alternative to steel.

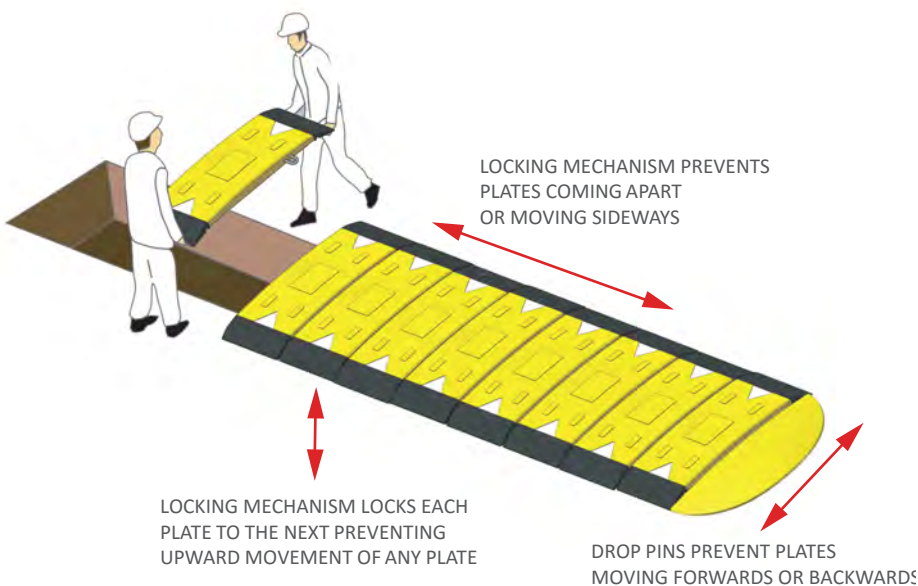
Road Plate is a heavy duty modular system for covering trenches to allow passage by traffic or pedestrians at road works. Made from lightweight GRP material with a steel lattice frame this system can be easily lifted by two people and manually installed in minutes - no cranes needed.

Weighing just 42kg and having been tested to a vehicle weight of 44 tonnes over a trench width of 700mm, they are often viewed as a safer alternative to traditional steel plates.

The innovative flexible edge dampens any unwanted sounds making Road Plate ideal in residential areas, and the hi-visibility anti-slip surface improves safety for motorists and pedestrian safety for motorists and pedestrians on site.

Road Plate is the ideal substitution to the steel plate, improving safety, decreasing installation time and traffic management costs and giving more flexibility and security to your site.

- Tested to a vehicle weight of 44 tonnes over a 700mm trench
- Can be installed in minutes
- Each section weighs just 42 kg - easy two man lift
- Can be transported in the back of a ute - no need for expensive specialist lifting equipment
- Ramp design helps slow traffic down for added safety
- Integral flexible ramped edge made from a PVC compound acts as a noise dampener when vehicles drive over them - ideal for residential areas
- Moulded anti-slip hi-vis yellow surface for traction
- Low profile end caps and non-slip surface eliminate trip and slip hazards for pedestrians
- Heavy duty steel links enable the modules to lock together securely and create a range of sizes
- Drop pin feature increases lateral stability
- Long lasting product, replacement parts available
- Designed and manufactured in UK
- Safer and more cost effective installation than steel plates



Rated at 44T over a 700mm wide trench



Flexible ramped edge for noise dampening



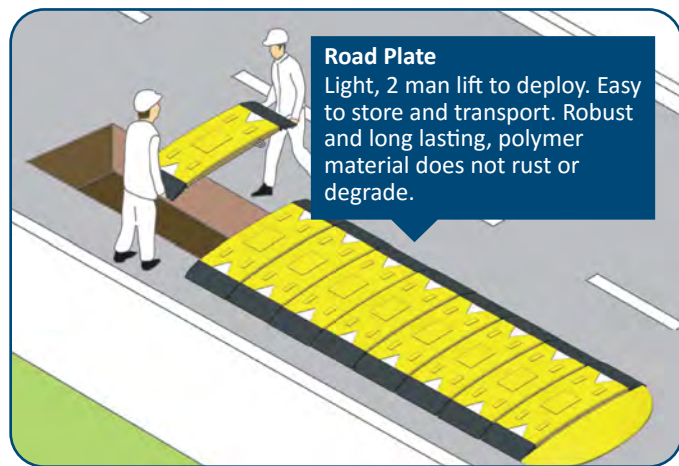
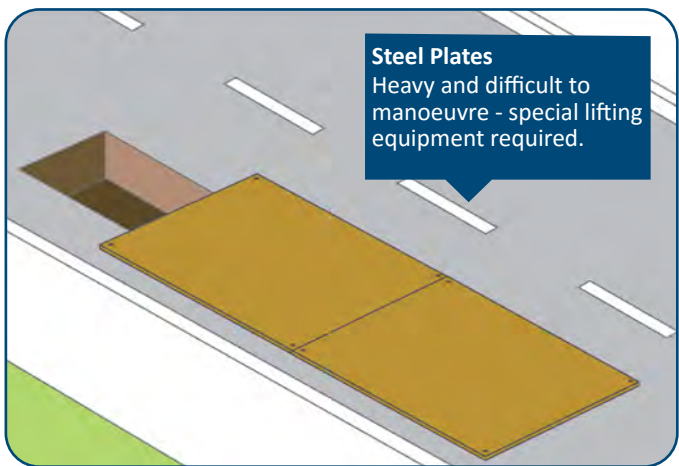
Moulded anti-slip and hi-vis modules for visibility and safety



Compact storage and easy to transport



Ramp profile slows vehicles in work zones



STEEL PLATES Transported and positioned using crane or excavator

TRADITIONAL STEEL PLATE

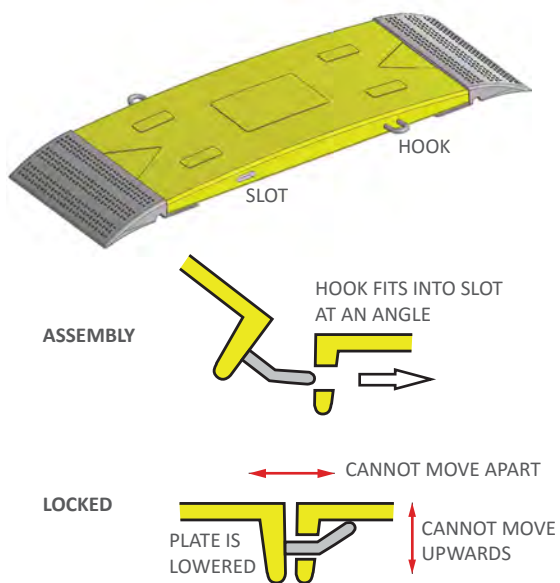
VS



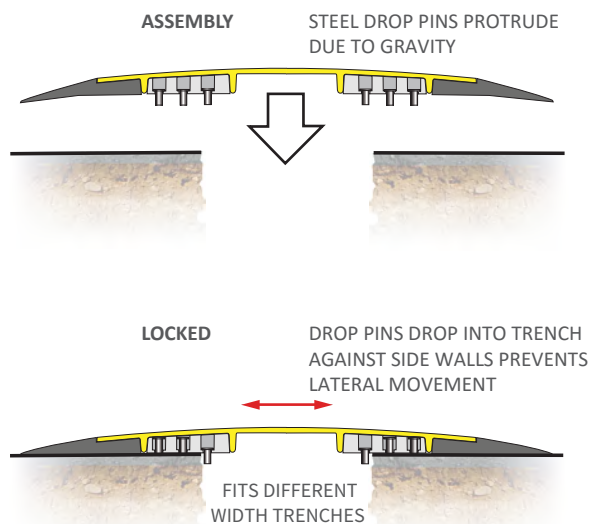
ROADPLATE Transported by Ute or small truck and positioned by two men

MODULAR ROAD PLATE

LOCKING MECHANISM



DROP PINS



FLEXIBLE EDGE

The Road Plate has an integral flexible edge which is designed to minimise road noise

- Helps reduce road noise in residential areas
- Can compensate for cambers in the road
- Replacement parts available



RATED TO 44T AT MAX TRENCH SPAN 700MM

INSTALLATION GUIDE



- Check the drop pins are in working order
- Make sure the plates are placed centrally over the trench
- Lock plates together with inbuilt steel linking pins
- Once all the plates are in place link the end plates
- End plates must be bolted to the ground by a minimum of 2 bolts (we recommend M16 bolts suitable for concrete or asphalt)

- Check for damage
- Check the trench width does not exceed 700mm

SAFETY GUIDELINES

- Maximum loading of 6000kg per Road Plate. This is the wheel loading of a 44 tonne vehicle
- Each Road Plate weighs approx. 42kg and should be lifted by 2 people
- Always check the condition of Road Plates prior to instalment. Do NOT use if damage is identifiable

DISMANTLING

- Remove the fixing bolts from the end sections
- Starting from one end lift the plates to disengage the linking system
- When removing plates check for any signs of damage and wear
- Stack securely for transportation and store in a safe environment



Easy two man lift, position centrally



Automatic drop pins for lateral stability



Plates fit together securely with heavy duty interlock



Add end caps on after centre sections are in place



Locks securely into position using bolted end sections

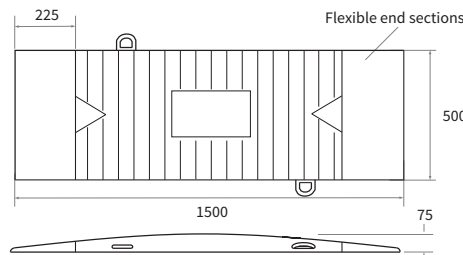


Tighten end sections

TECHNICAL SPECIFICATION

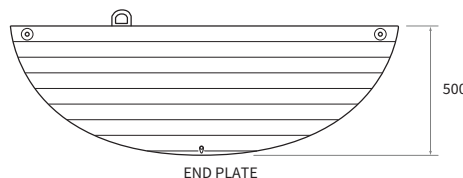
ROAD PLATE INNER

Product No 49-RP155M
 Length, end to end 1500mm
 Width 500mm
 Weight 42kg
 Number per pallet 20
 Colour Yellow / Black



ROAD PLATE END

Product No 49-RP155E
 Length, end to end 1500mm
 Width 500mm
 Weight 23kg
 Number per pallet 20
 Colour Yellow



ALSO SEE US FOR



CLEAR PATH BARRIER



SAFE COVER



SUPAGRIP SAFEKERB RAMP