



TRENCH COVERS, ROAD PLATES AND RAMPS



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LOWPRO 23/05 ROAD PLATE

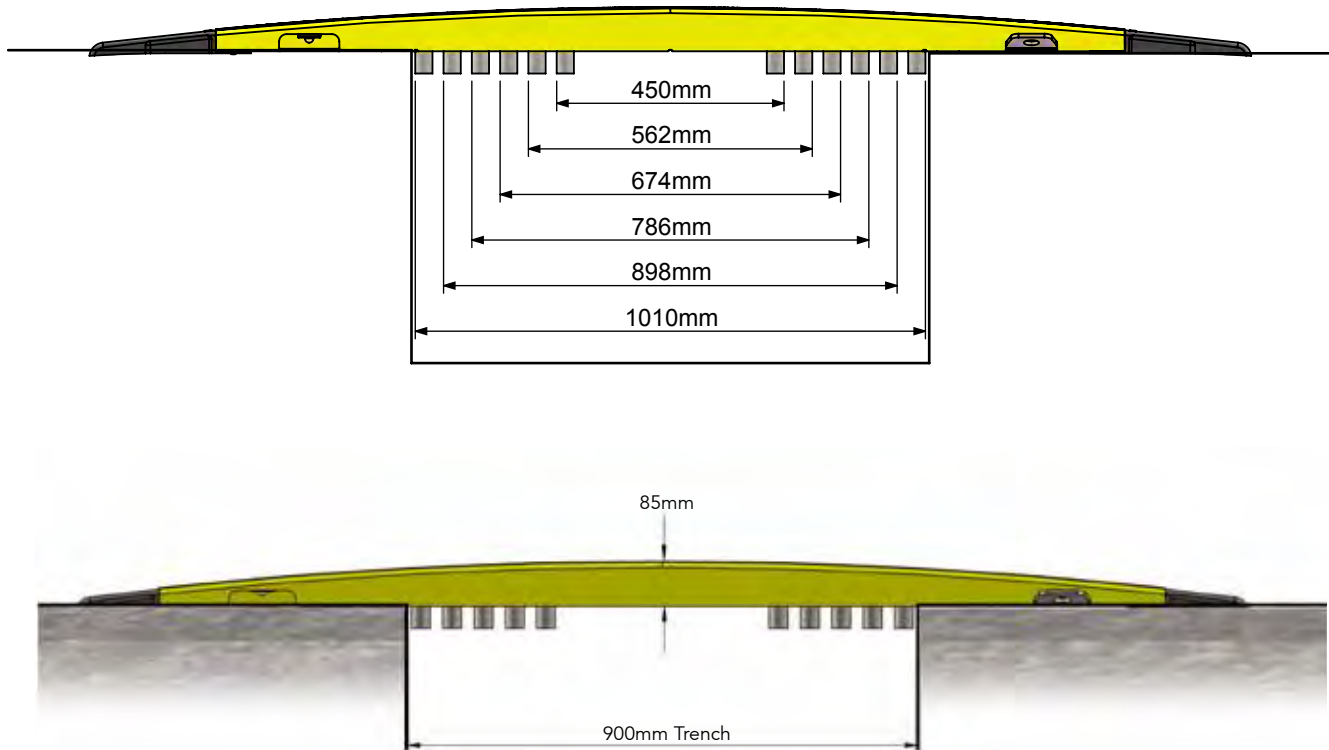
Heavy duty modular trench cover for roads and sidewalks.

The Lowpro 23/05 Road Plate is a modular system of composite sections that link together.

The Lowpro 23/05 Road Plate is the ideal substitute to the steel plate, giving you more safety & versatility. There is no need for heavy lift equipment.

Benefits

- Complies with the UK's DETR 'Safety at Street works and Road works Code of Practice'
- Modular Road Plate System is a safer & cost effective alternative to steel plates.
- Innovative & patented Flexi-Edge greatly reduces noise pollution, and eliminates cold patch ramping around edges.
- Inbuilt steel linking pins interlock plates together.
- Suitable for 44 tonnes vehicle over 900mm trench.
- Suitable for pedestrians over 1200mm trench.
- Each section weighs 60kg & can be installed in minutes with a 2 person lift.
- Molded anti-slip surface provides safer pedestrian access.
- Hi-visibility yellow encourages traffic calming.
- Underside steel drop pins increase lateral stability.



LOWPRO 23/05 ROAD PLATE / PEDESTRIAN TRENCH COVER PRE-INSTALLATION SAFETY GUIDELINES & MAINTENANCE

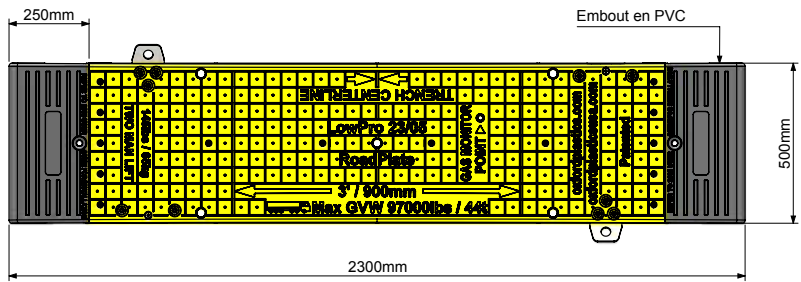
Please note: Trench stability must be assessed prior to the Road Plate being installed to ensure that the ground conditions don't require shoring.

- Each LowPro 23/05 Road Plate section weighs approx. 60kg and should be lifted by 2 people.
- Confirm all parts & components are securely attached and in working order.

TECHNICAL SPECIFICATION

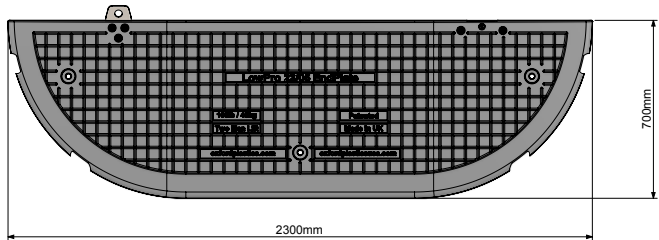
LOWPRO 23/05 ROAD PLATE

Product No 0839
Length, end to end 2300mm
Width 500mm
Weight 60kg
Number/pallet 16
Color Yellow & grey as standard,
Flexi-edge customization available



LOW PRO 23/05 END PLATE

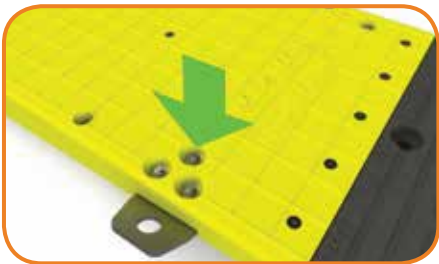
Product No 0726
Length, end to end 2300mm
Width 500mm
Weight 50kg
Number/pallet 16
Color Grey as standard



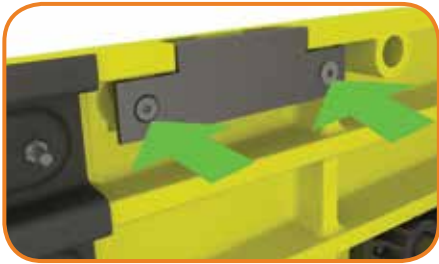
1. Check top surface of Road Plate for signs of damage.



2. Ensure all drop pins are moving freely.



3. Check linking plate bolts are tight on top.



4. Check linking plate bolts are tight underneath.



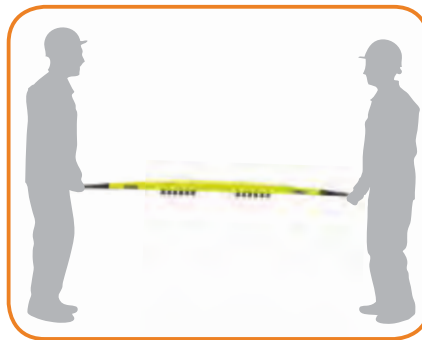
INSTALLATION KIT

- SDS hammer drill
- SDS 22mm drill bit
- Torque wrench
- 2 x M16 bolts (per LowPro section)

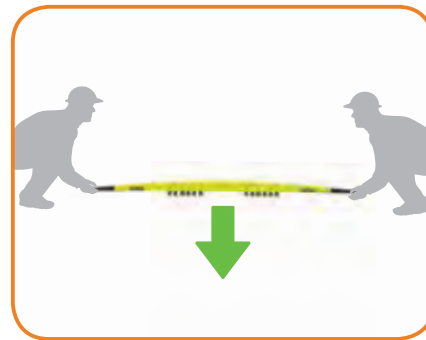
INSTALLATION INSTRUCTIONS



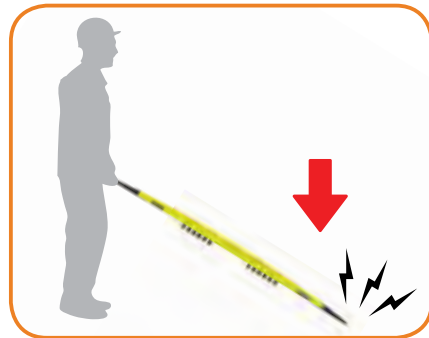
1. Ensure max trench width less than 900mm for 44t load, and less than 1200mm for pedestrian load.



2. 2 person lift at all times.



3. Lower into position.



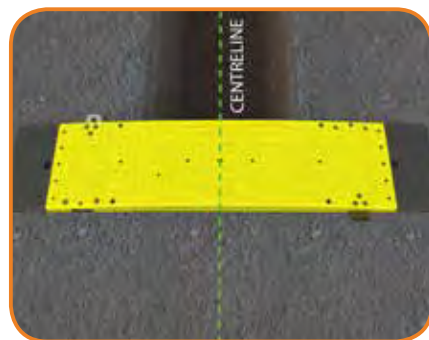
4. Do not throw or drop on to edge.



5. Do not lift using male connector.



6. Sweep the area around the trench to remove debris.



7. Place first inner Road Plate section centrally over the trench, using center line mark as a guide.



8. Lower next plate at an angle so the connectors fit into the slots.



9. When the connectors are in the slots carefully lower the plate.



10. Repeat previous step until entire trench is covered by inner Road Plate sections.



11. Use M16 bolts to secure the Road Plate to the road.



12. If required, connect the Road Plate sections, repeating step 8.



13. End section is not load bearing. Do not place end section over trench.

DISMANTLING INSTRUCTIONS



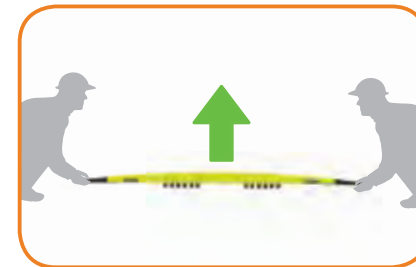
1. Remove bolts that were used to anchor the Road Plates to the road.



2. Starting from the end sections, carefully lift the plate at an angle and slide outwards to remove plate.



3. Repeat step 2 to remove each section at a time.



4. Lift by hand.



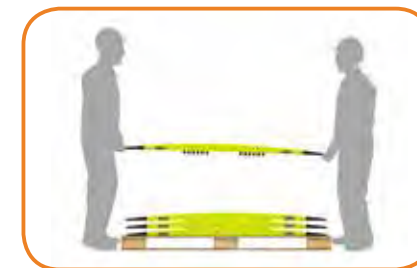
5. Do not use the male connector as a dragging point.



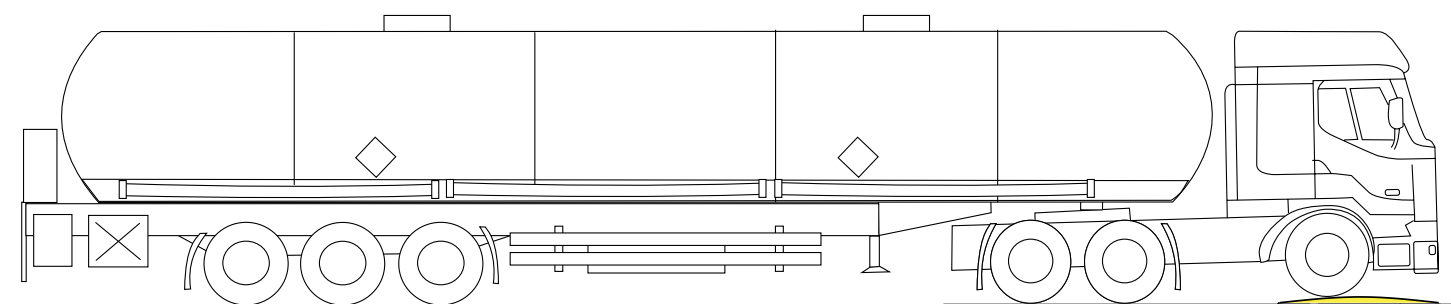
6. Do not use tools to aid lifting.



7. Clean after use.

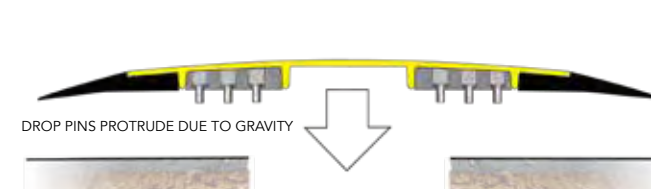


8. Store on a pallet.

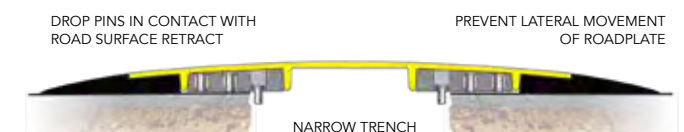


900MM MAX TRENCH WIDTH FOR 44T VEHICLE

900mm



DROP PINS PROTRUDE DUE TO GRAVITY



DROP PINS IN CONTACT WITH ROAD SURFACE RETRACT

PREVENT LATERAL MOVEMENT OF ROADPLATE

NARROW TRENCH

INTEGRAL DROP PINS INCREASE PRODUCT STABILITY. ALWAYS CHECK THE DROP PINS ARE IN GOOD WORKING ORDER.

LOWPRO 15/05 ROAD PLATE

LowPro 15/05 Road Plate is a lightweight and long lasting alternative to steel.

The LowPro 15/05 Road Plate is a modular system of composite sections that link together.

There's no need for heavy lift equipment as the road plate weighs only 42kg and can be installed in minutes with only two people.

The integrated anti-skid surface, which exceeds current road plate standards, provides positive traction, for both vehicle and pedestrian traffic. The innovative flexible edge reduces unwanted noise, improving quality of life in residential areas.

Benefits

- Complies with the UK's DETR 'Safety at Street works and Road works Code of Practice'
- Modular Composite Road Plate System
- Tested to a vehicle weight of 44 tonnes over a 700mm trench
- Molded anti-skid surface
- Heavy duty steel drop pins increase lateral stability
- Heavy duty linking connectors lock the road plates together securely
- End sections equipped with anchor holes to accommodate securing to the roadway
- Refurbishment service available
- High visibility feature provides traffic calming
- No need for heavy lift equipment
- Designed and manufactured in UK



TESTIMONIAL

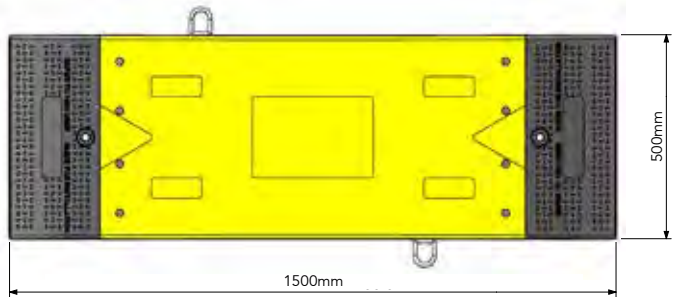
"Our essential work to respond to gas emergencies, connect new homes and businesses and upgrade the gas network can mean that we have to dig in footpaths and driveways. The Oxford Plastics products we use - including the LowPro 15/05 road plate - help us minimise the disruption to the communities we work in."

Graham Bond, Street Works Manager - Wales & West Utilities Limited

TECHNICAL SPECIFICATION

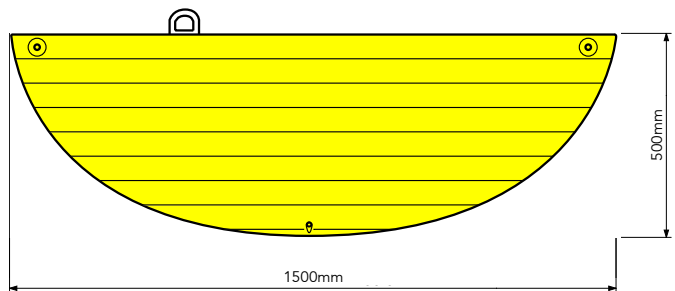
LOWPRO 15/05 ROAD PLATE

Product No 0830
Length, end to end 1500mm
Width 500mm
Weight 42kg
Number/pallet 20
Color Yellow & black as standard, Flexi-edge customization available



LOWPRO 15/05 END PLATE

Product No 0814
Length, end to end 1500mm
Width 500mm
Weight 23kg
Number/pallet 20
Color Yellow



LOWPRO 15/05 ROAD PLATE / PEDESTRIAN TRENCH COVER PRE-INSTALLATION SAFETY GUIDELINES & MAINTENANCE

Please note: Trench stability must be assessed prior to the Road Plate being installed to ensure that the ground conditions don't require shoring.

- Each LowPro 15/05 Road Plate section weighs 42kg and should be lifted by 2 people.
- Confirm all parts & components are securely attached and in working order.



1. Check top surface of Road Plate for signs of damage.



2. Ensure all drop pins are moving freely.



3. Check linking plate bolts are tight on top.



INSTALLATION KIT

- SDS hammer drill
- SDS 22mm drill bit
- Torque wrench
- M16 bolts