



TRENCH COVERS, ROAD PLATES AND RAMPS



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LOWPRO 23/05 ROAD PLATE

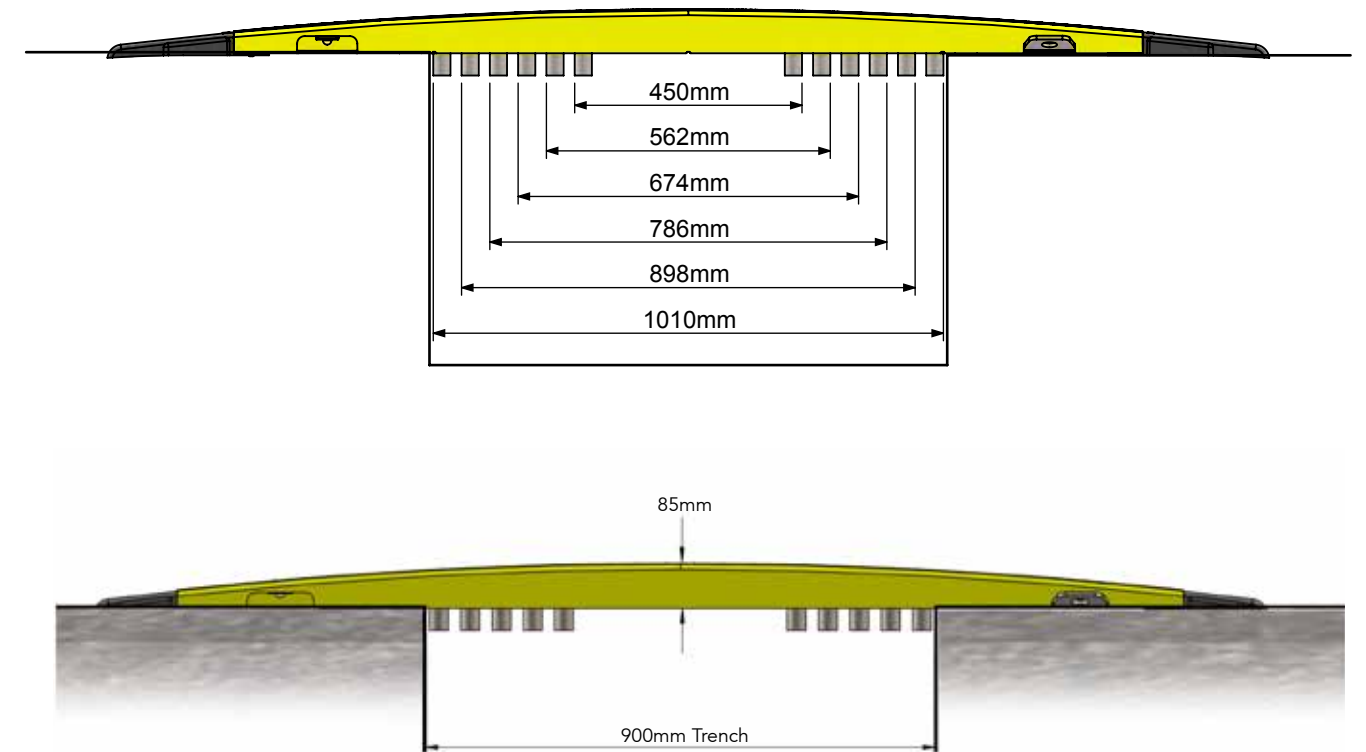
Heavy duty modular trench cover for roads and sidewalks.

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

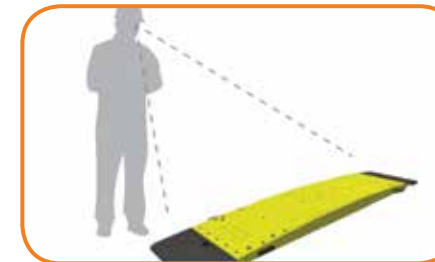
- Complies with the UK's DETR 'Safety at Street works and Road works Code of Practice'
- Modular Road Plate System is a safer & cost effective alternative to steel plates.
- Innovative & patented Flexi-Edge greatly reduces noise pollution, and eliminates cold patch ramping around edges.
- Inbuilt steel 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.

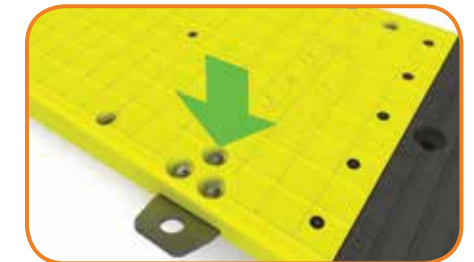
- Each LowPro 23/05 Road Plate section weighs approx. 60kg and should be lifted by 2 people.
- Confirm all parts & components are securely attached and in working order.



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.



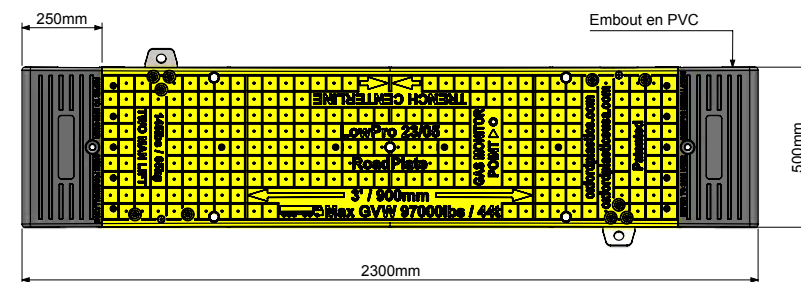
INSTALLATION KIT

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

TECHNICAL SPECIFICATION

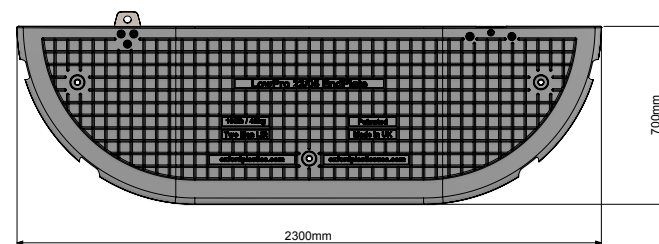
LOWPRO 23/05 ROAD PLATE

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

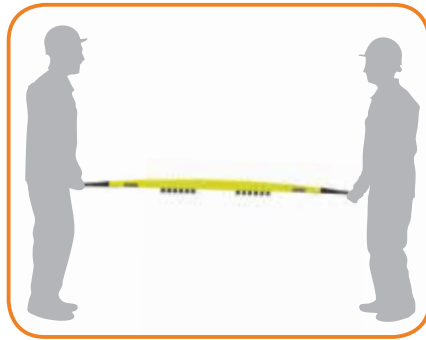
Product No 0726
Length, end to end 2300mm
Width 500mm
Weight 50kg
Number/pallet 16
Color Grey as standard



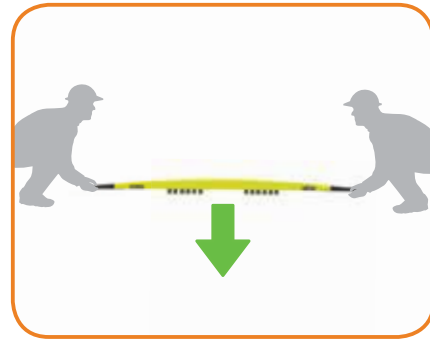
INSTALLATION INSTRUCTIONS



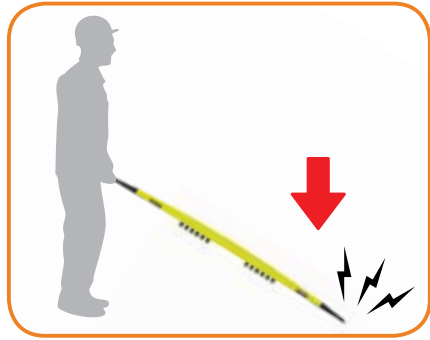
1. Ensure max trench width less than 900mm for 44t load, and less than 1200mm for pedestrian load.



2. 2 person lift at all times.



3. Lower into position.



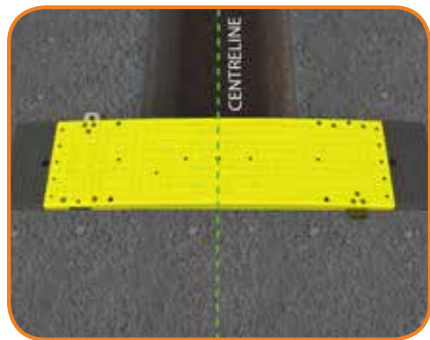
4. Do not throw or drop on to edge.



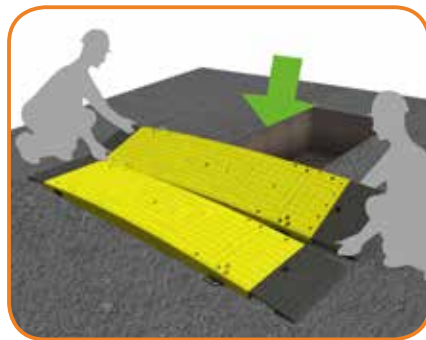
5. Do not lift using male connector.



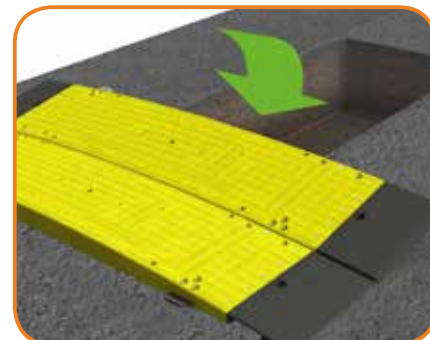
6. Sweep the area around the trench to remove debris.



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.

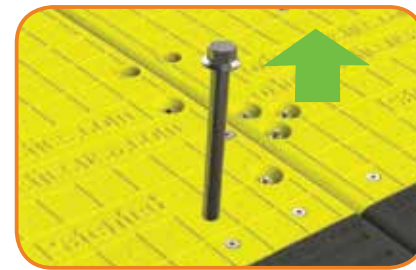


12. If required, connect the Road Plate sections, repeating step 8.



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

DISMANTLING INSTRUCTIONS



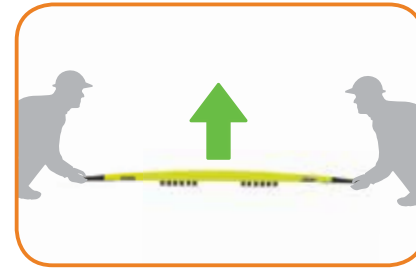
1. Remove bolts that were used to anchor the Road Plates to the road.



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.



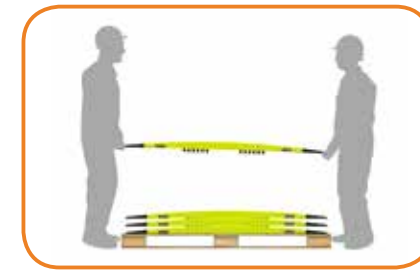
5. Do not use the male connector as a dragging point.



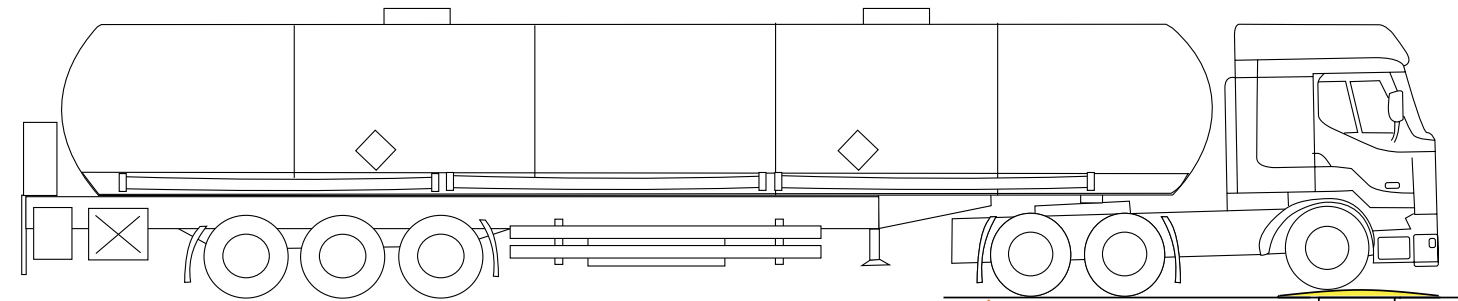
6. Do not use tools to aid lifting.



7. Clean after use.

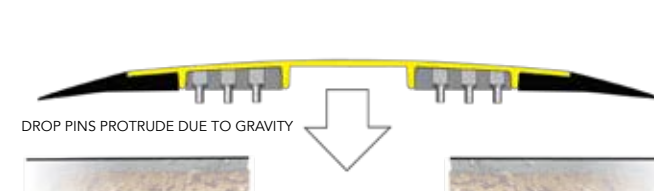


8. Store on a pallet.

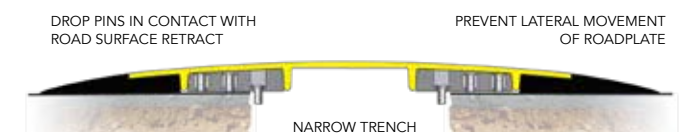


900MM MAX TRENCH WIDTH FOR 44T VEHICLE

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

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.



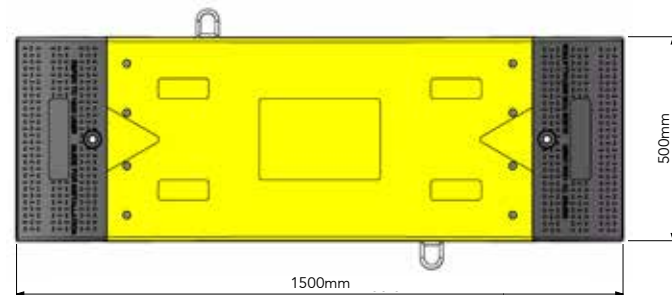
INSTALLATION KIT

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

TECHNICAL SPECIFICATION

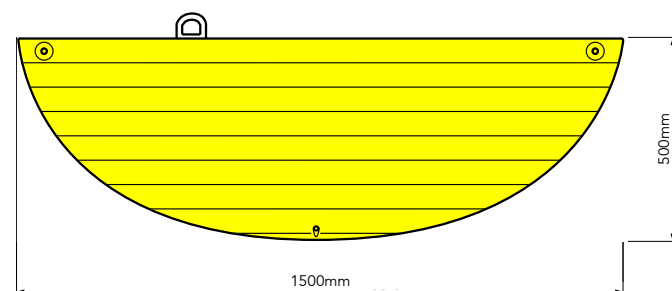
LOWPRO 15/05 ROAD PLATE

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



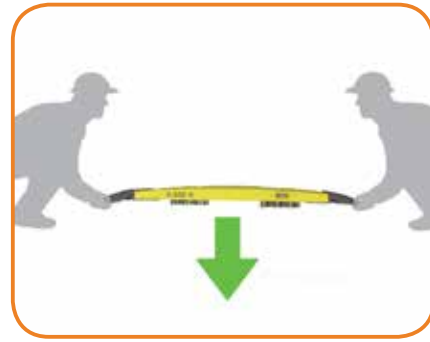
INSTALLATION INSTRUCTIONS



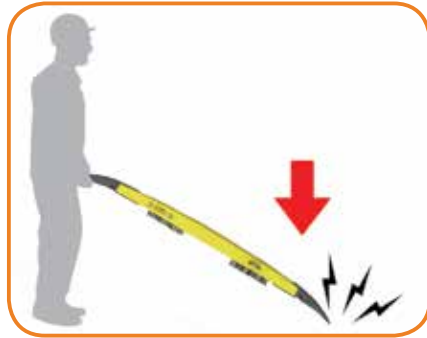
1. Ensure max trench width less than 700mm for a 44T load. Assess trench stability prior to install.



2. 2 person lift at all times.



3. Lower into position.



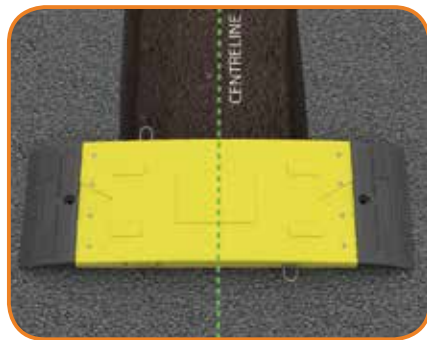
4. Do not throw or drop on to edge.



5. Do not lift using male connector.



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



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



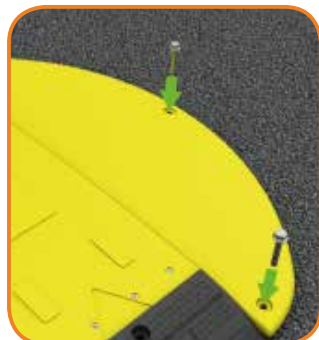
8. Lower next plate at an angle so the connectors fit into the slots.



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 End Plate to the road.



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



13. End section should not be placed over the trench.

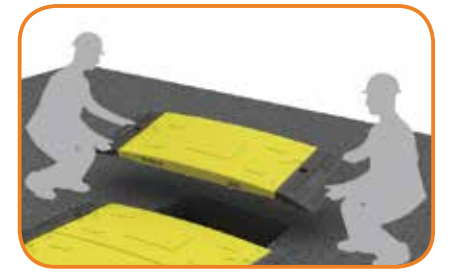
DISMANTLING INSTRUCTIONS



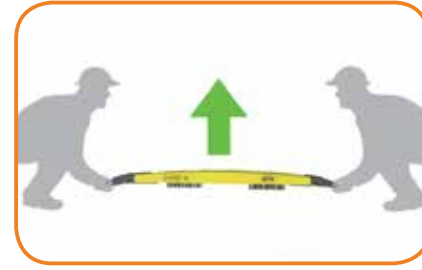
1. Remove bolts that were used to anchor the End Plate to the road.



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.



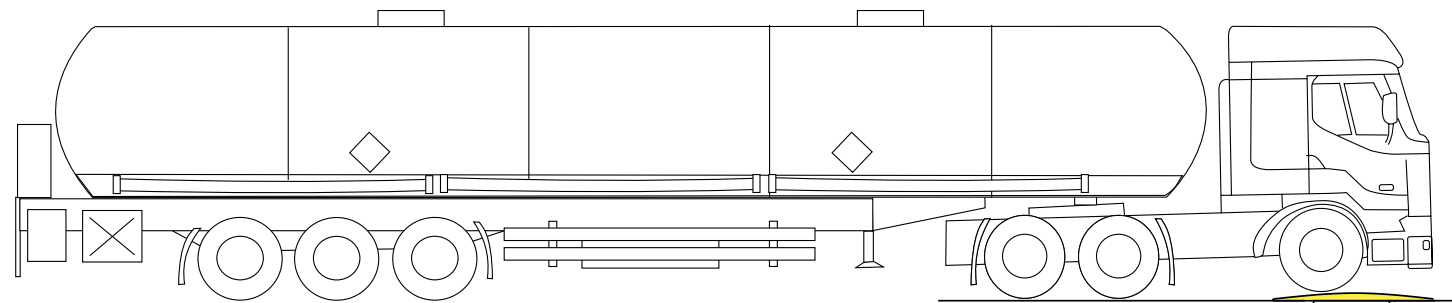
6. Do not use tools to aid lifting.



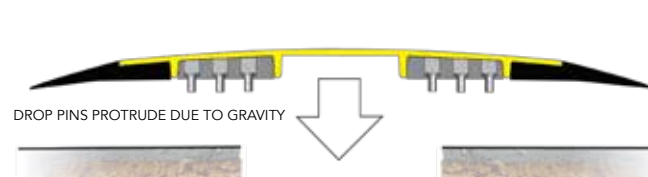
7. Clean after use.



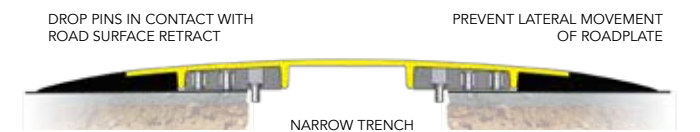
8. Store on a pallet.



700MM MAX TRENCH WIDTH FOR 44T VEHICLE



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.

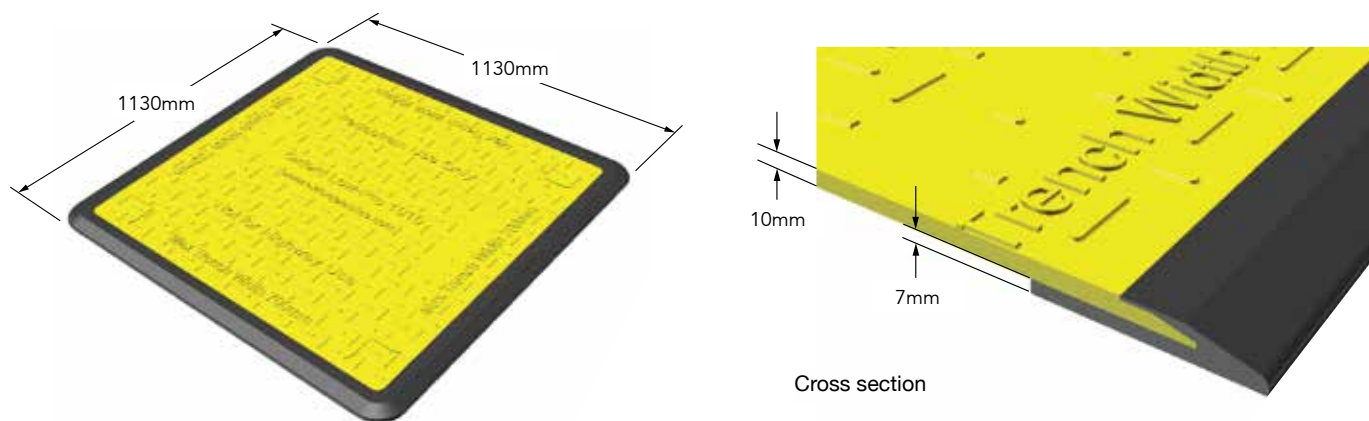
LOWPRO 11/11

The LowPro 11/11 trench cover has an innovative Flexible Edge which greatly reduces trip hazards for pedestrians and helps to reduce any unwanted movement.

Benefits

- Complies with the UK's DETR 'Safety at Street works and Road works Code of Practice'
- Anti-slide footpath board
- Rigid inner section made from glass reinforced composite
- Very stable without anchor
- Contours to cambers in the pavement
- Reduced trip hazard for pedestrians
- Covers a 700mm trench
- Supports a weight up to 500kg
- Shock resistant
- Can be personalized with corporate color and logo
- Flexible edges can be replaced
- Designed and manufactured in UK

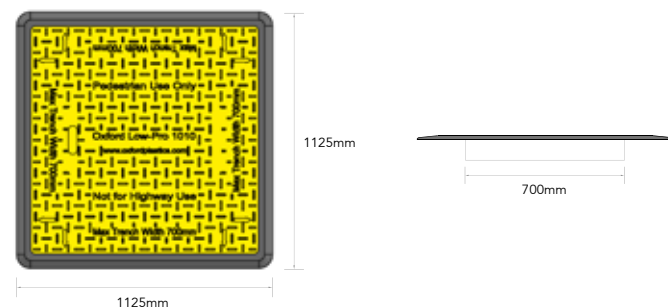
Reduced installation time, as anchoring is not required.



TECHNICAL SPECIFICATION

LOWPRO 11/11

- Product No 0825
- Length, end to end 1125mm
- Width 1125mm
- Weight 26kg
- Number per pallet 30
- Color Yellow (standard), any other colors on request



LOWPRO 12/8

The new Oxford trench cover has an innovative Flexi-Edge system which greatly reduces trip hazards for pedestrians.

The underside and edge of the Oxford Low Pro are made from a soft flexible material which grips the surface underneath the board and helps to reduce any unwanted movement as it is antislip, non-pinned and self-weighted. Its innovative design reduces installation time as there is no need to bolt the product down, but is still very stable.

Benefits

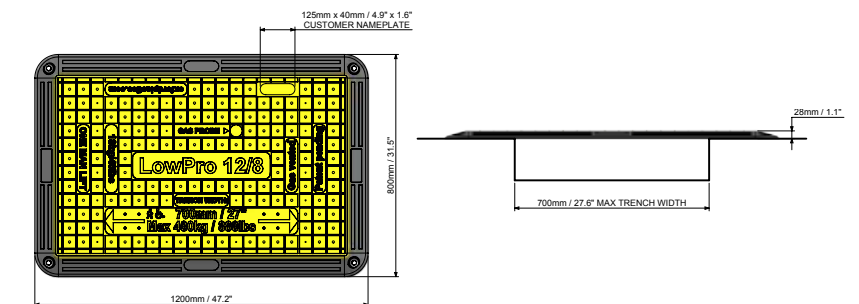
- Complies with the UK's DETR 'Safety at Street works and Road works Code of Practice'
- Heavier than traditional trench covers thanks to its PVC anti slip edge.
- Central section made from glass reinforced composite.
- Very stable without bolting.
- Takes up any cambers in the pavement.
- Greatly reduced trip hazard for pedestrians.
- Covers a 700mm trench.
- Supports a weight up to 500kg.
- Gas Vents and Probe Hole designed into product.
- Shock resistant.
- Can be personalised with corporate colour and logo.
- Designed and manufactured in the UK.
- Long lasting product - Flexible edges can be replaced.
- Anti-trip flexible edge.
- Quick installation - does not need to be bolted down.



TECHNICAL SPECIFICATION

LOWPRO 12/11

- Product No 0362
- Length 1200mm
- Width 800mm
- Height 28mm
- Weight 17kg
- Number per pallet 30
- Colour Yellow (standard), any other colours on request



LOWPRO 15/10 DRIVEWAY BOARD & PEDESTRIAN COVER

The New LowPro 15/10 uses our patented Flexi-edge system to greatly reduce trip hazards for pedestrians and to reduce unwanted movement.

The product was commissioned by National Grid UK to design a cover to support a load of one wheel of a 3.5t vehicle, over a 900mm span, & to use the Low Pro technology. In most site configurations the product will not need to be fixed in place which reduces installation time and reduce costs of reinstatement, reducing the need to use steel plates in driveway applications.

The increased loading and design also enables the product to be used in pedestrian applications that require a span up to 1200mm. The new design, developed in collaboration with Utilities and Contractors, alike, provides a single product that works in multiple applications.

Benefits

- Complies with the UK's DETR 'Safety at Street works and Road works Code of Practice'
- More stable than traditional trench covers thanks to its PVC anti slip edge and higher load rating
- Lighter than Steel Road Plates making it easier to manoeuvre and transport for driveway applications
- Inner yellow section made from glass reinforced composite
- Very stable without anchoring (does not need to be fixed in most applications)
- Can be anchored, if site conditions are require
- Covers 900mm trench for 3.5t vehicle traffic and 1200mm for pedestrian traffic up to 400kg
- Gas Vents and Probe hole designed into product
- Shock Resistant
- Two person lift
- Can be personalized with corporate color and logo on the flexible edge

TESTIMONIAL

"Balfour Beatty provide the essential infrastructure assets societies need to function, develop and thrive. Our teams operate across the full infrastructure lifecycle and address long term challenges. We harness innovation to improve safety and minimise this essential work has on local communities and the investment in the Low Pro 15/10 product has helped us to deliver this goal. The product has also been part of the development of the HAUC advice note on the specification and Operational requirements for footway boards, Driveway Boards, Footway Ramps and Road Plates.."

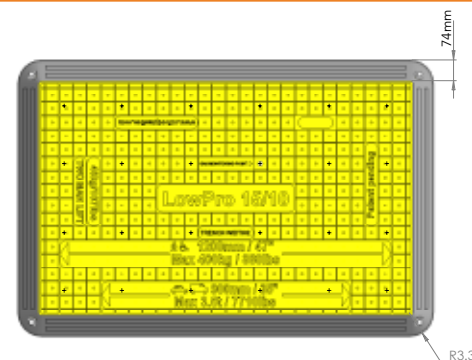
Tom Lambert, General Manager Streetworks - Balfour Beatty Services



TECHNICAL SPECIFICATION

LOWPRO 15/10

- Product No 0815
- Length 1500mm
- Width 1000mm
- Height 35mm
- Weight 42-48kg
- Number per pallet 20
- Color Yellow (standard), any other colors on request.



SAFE COVER 12/8

The Safe Cover 12/8 is a versatile safety cover that is rigid in construction, yet lightweight. This sturdy glass reinforced composite cover maintains performance in demanding situations.

Suitable for trenches up to 700mm wide.

Features

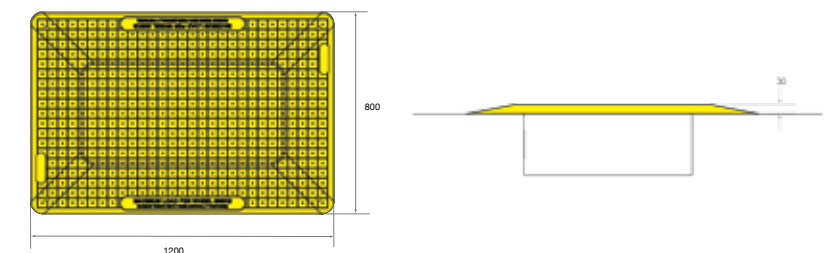
- Complies with the UK's DETR 'Safety at Street works and Road works Code of Practice'.
- Moulded from a single piece of glass reinforced composite.
- Slip resistant surface and chamfered edges to prevent tripping.
- Underside has ribbed framework for added strength.
- Can take the distributed weight of a vehicle of up to 2000kg.
- Can be embossed with company name or logo for corporate branding.
- Lighter than a steel cover.
- Stronger than a wooden plate.
- Designed and manufactured in UK.



TECHNICAL SPECIFICATION

SAFE COVER 12/8

- Product No 0307
- Length 1200mm
- Width 800mm
- Height 30mm
- Weight 17.5kg
- Number per pallet 30
- Colour Yellow (standard), any other colours on request.



SAFE COVER 16/12

Designed primarily for use in street works, Safe Cover 16/12 is strong and secure. Safe Cover 16/12 can take a distributed weight of up to 2 tonnes.



Features

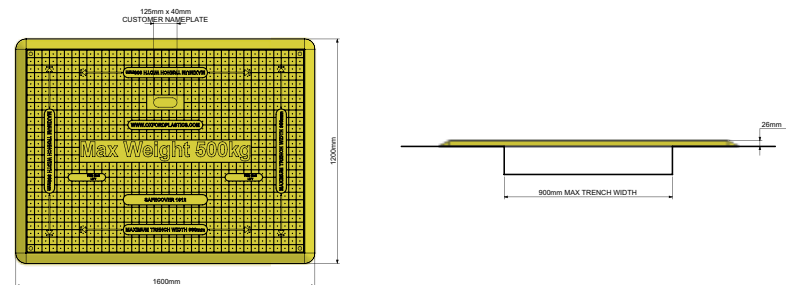
- Complies with the UK's DETR 'Safety at Street works and Road works Code of Practice'.
- Moulded from a single piece of glass reinforced composite.
- Designed to cover trenches of a maximum width of 900mm.
- Slip resistant surface and chamfered edges to prevent tripping.
- Underside has ribbed framework for added strength.
- Can take the distributed weight of a vehicle of up to 2000kg.
- Can be embossed with company name or logo for corporate branding.
- Wide design suitable for driveway access.
- Designed and manufactured in UK.



TECHNICAL SPECIFICATION

SAFE COVER 16/12

- Product No 0820
- Length - end to end 1600mm
- Width 1200mm
- Height 25mm
- Weight 33kg
- Number per pallet 25
- Colour Yellow (standard), any other colours on request.



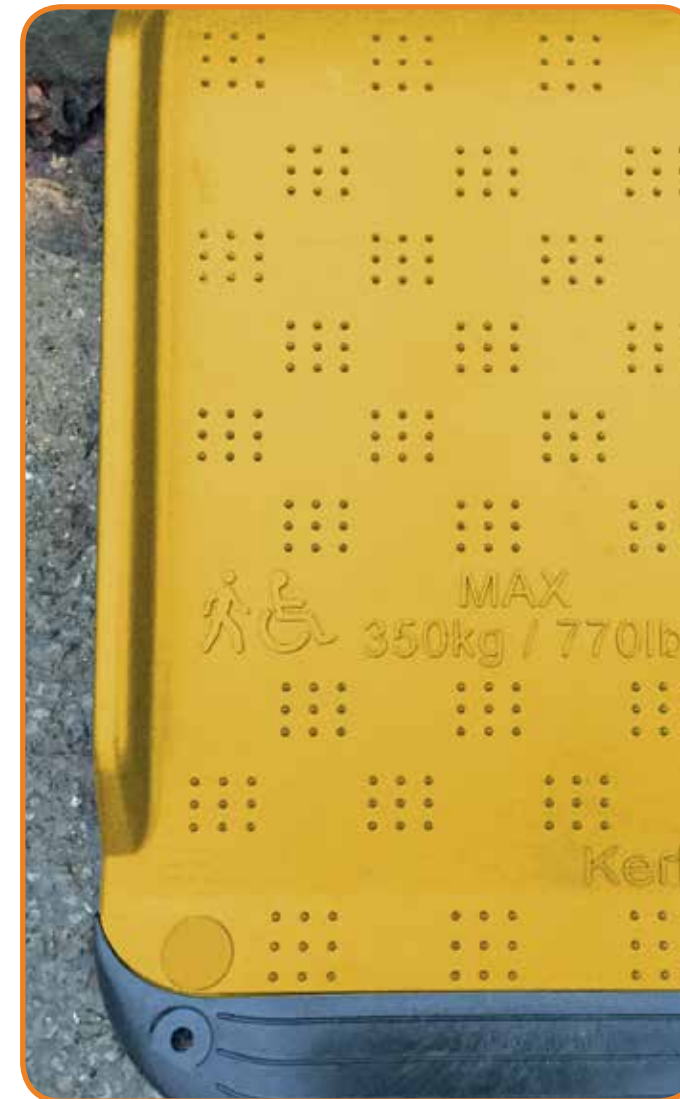
SUPAGRIP SAFEKERB RAMP

The SupaGrip SafeKerb Ramp provides a safe means for wheelchairs to reach the next level when a footpath has been closed for street works.

It can also provide easy access for scooters up to 350kg.

Benefits

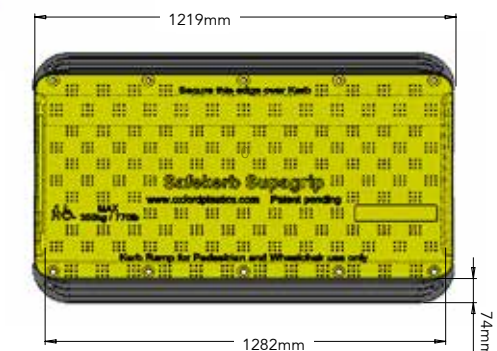
- Effective anti-slip surface and raised sides
- Adapts to varying curb or step heights 60-160mm
- Very stable without anchoring
- Does not need to be anchored in most applications
- Can be anchored if necessary
- Can be used as an access for wheelchairs and scooters up to 350kg
- 100% recyclable
- Compact stacking for easy transport & storage



TECHNICAL SPECIFICATION

SUPAGRIP SAFEKERB RAMP

- Product No 0836
- Length, end to end 1282mm
- Length between side guards 1219mm
- Width 760mm
- Height Adjusts to kerb
- Weight 10kg
- Number per pallet 30
- Color Yellow



SAFEKERB RAMP

The SafeKerb Ramp is lightweight & portable, designed for easy transition from street to curb.

It can provide easy access for foot traffic, bicycles, and hand trucks up to 250kg.

Benefits

- Effective anti-slip surface and raised sides
- Adapts to varying kerb or step heights (60-160mm)
- Recommended to be anchored down for maximum stability and security
- Easy access from street to curb for foot traffic, bicycles, hand trucks
- Made from High-density polyethylene (HDPE)
- 100% recyclable
- Compact stacking for easy transport & storage



ABOUT OXFORD PLASTICS...

We design and manufacture safe, temporary products for the work-site. From our first traffic cone in 1985 to our award-winning catalogue of products today, we deliver solutions.

Our products are safe, secure, and compliant with Chapter 8 Part 2 and Safety at Streetworks and Roadworks code of practice. 75% of Oxford Plastics products are made from recycled plastic, and 100% are recyclable, covering our full range of pedestrian & traffic barriers, LowPro® road plates & trench covers, ground protection mats, and temporary fence feet & weights.

In the UK, we collaborate with the Department of Transport and industry leaders from JAG, HAUC, NJUG & REMA. We also provide solutions across Europe, USA, Australia and New Zealand, to many satisfied customers; in Highways, Utilities, Industrial, Construction and Events settings.

INNOVATION... NOT IMITATION

TECHNICAL SPECIFICATION

SAFEKERB RAMP

Product No 0804

Length between side guards 1265mm

Length, end to end 1215mm

Width 747mm

Height 112mm

Weight 6kg

Number per pallet 20

Color Yellow

