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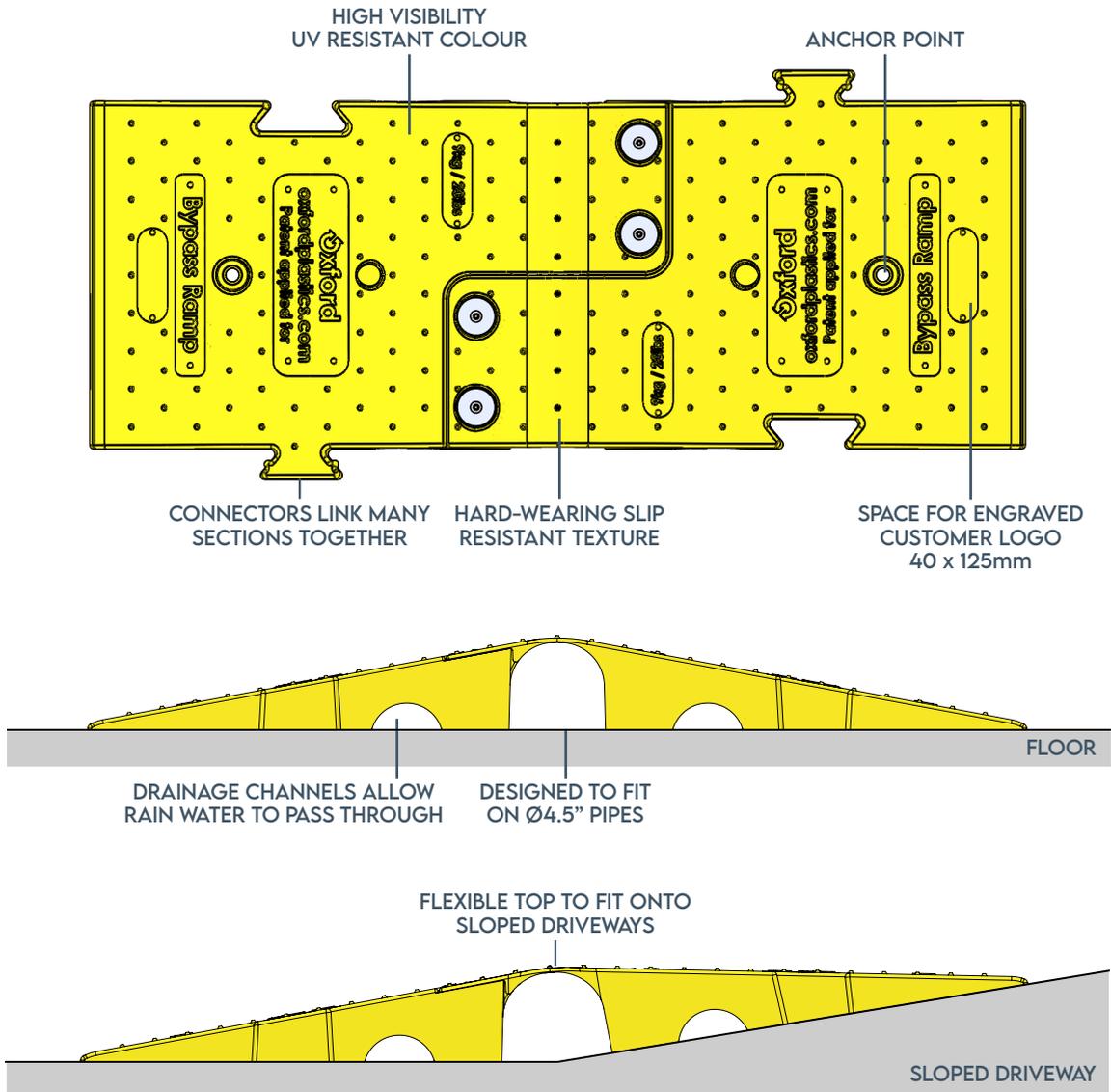
INTENDED USAGE

A site safety risk assessment (SSRA) must be carried out before installation and use of the product. This product has been designed and tested in the following scenarios using controlled conditions.

- Installed on non-load bearing pipes with an outer diameter of up to Ø3.5" OD with the distributed load of a 44t / 97,000lb vehicle.
- Installed on pipes with an outer diameter of up to Ø4.5" OD that can bear or withstand the 6t / 13,200lb single wheel loads themselves.
- The product is installed on rigid and secure ground, and the section is secured to the ground via the anchor points and bolts suitable to the ground conditions, should the SSRA prescribe this.
- The product is static while in use.
- Slip resistance has been tested in both wet and dry conditions.
- The product is installed centrally over the pipe by an experienced operator.
- The product is clean and fully functioning.



FEATURES



FEATURES

- 44t / 97,000lb vehicle load bearing for up to Ø4.5" load bearing pipes.
- 44t / 97,000lb vehicle load bearing up to Ø3.5" pipes which are not load bearing.
- Anchor points to secure to the ground.
- Slip resistant surface.
- Highly visible.
- One person installation.

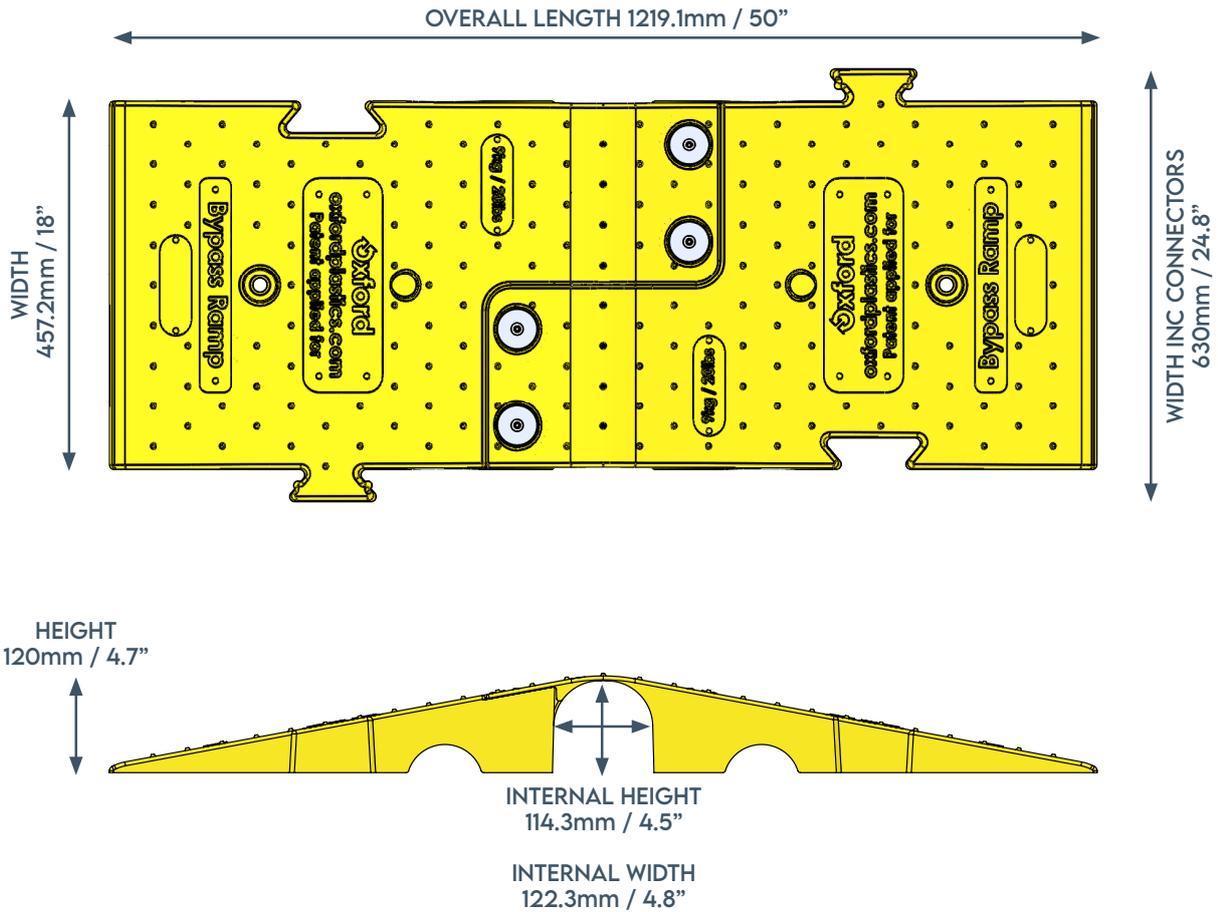
END USER BENEFITS

- Eliminates asphalt cold patch ramps.
- Gives ramped access to homes.
- Installed in minutes.
- Adaptable to sloped driveways.
- Reusable, repairable & recyclable.
- Save on equipment & material costs over lifetime of use.



DIMENSIONS AND WEIGHTS

BYPASS RAMP 9kg / 20lb



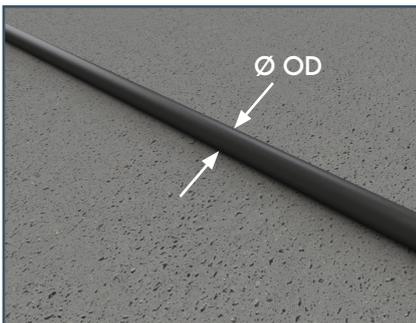
| Part Name | Product Code |
|-------------|--------------|
| Bypass Ramp | O920 |



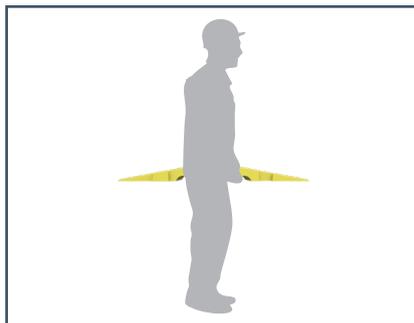
USAGE AND INSTALLATION

Risk assessments must be carried out to ensure the usage is suitable for the scenario. This list is not exhaustive.

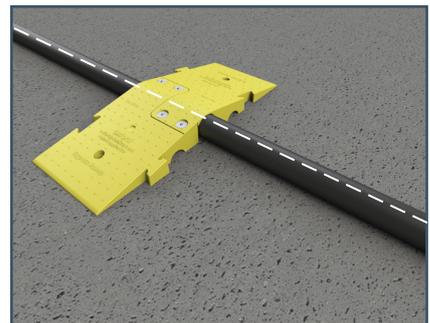
Every section has the facility to be bolted down individually. The SSRA must advise whether bolts are necessary for the installation.



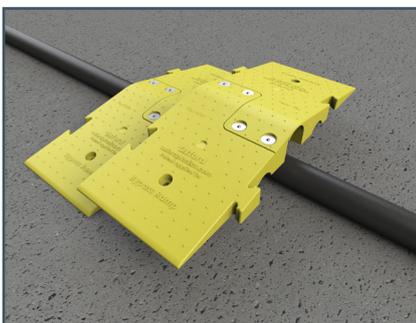
Confirm pipe size is suitable:
Up to Ø3.5" OD non-load bearing pipe
Up to Ø4.5" OD load bearing pipe



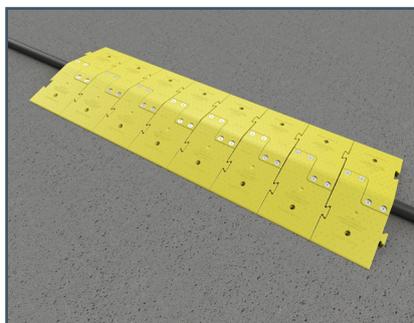
One person lift.



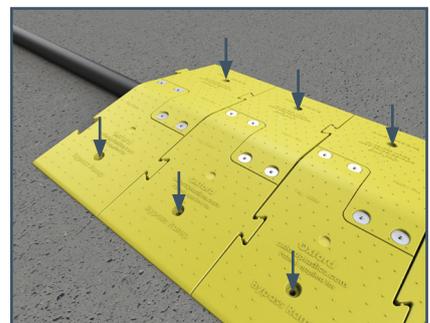
Place first Bypass Ramp section centrally over the pipe.



Place the next Bypass Ramp section, linking to the first using the integral connectors.



Continue linking Bypass Ramp sections until desired length is achieved. Each section is 1 1/2' wide.



Bolt down sections down as necessary dependant on SSRA.

Every section has the facility to be bolted down individually.

The Bypass Ramps are designed for vehicles to travel across in a straight line. Ramps are securely bolted down, the bolt holes accept M16 x 150mm & 5/8" x 6" Masonry Anchor bolts.



LOAD DEFLECTION DATA

Testing has been carried out by trained staff at Oxford Plastics' specialist testing facility.



PRODUCT RATING

The product is rated for use by vehicles with a GVW of up to

**44t /
97,000lb**

- 3.5" or smaller diameter pipes that cannot bear a single load of 6t / 13,200lb themselves can safely be used.
- Larger diameter pipes must be capable of bearing or withstanding the 6t / 13,200lb single wheel loads themselves.

TEST SPECIFICATION

Load
6t / 13,200lb

Load Footprint
250mm / 9.8" diameter pad with rubber base to simulate single tyre.

Load Location
Centre of product.



SLIP RESISTANCE

Slip resistance testing has been carried out by an independent test house, in line with the requirements of:

- ASTM American Society for Testing and Materials Method E303-22 (2022), “Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester”
- UK HSE 2012 document ‘Testing the slip resistance of flooring’.

Testing was carried out in 4 directions in wet and dry conditions, using a calibrated Munro slip tester using Slider 55.

CLASSIFICATIONS

High Slip Potential
0-24

Moderate Slip Potential
25-35

Low Slip Potential
36+



| END MOULDING (RAMP) | Median Result PTV | Slip Potential Classification |
|---------------------|-------------------|----------------------------------|
| Dry | 103 | LOW SLIP POTENTIAL 1 : 1,000,000 |
| Wet | 39 | LOW SLIP POTENTIAL 1 : 1,000,000 |

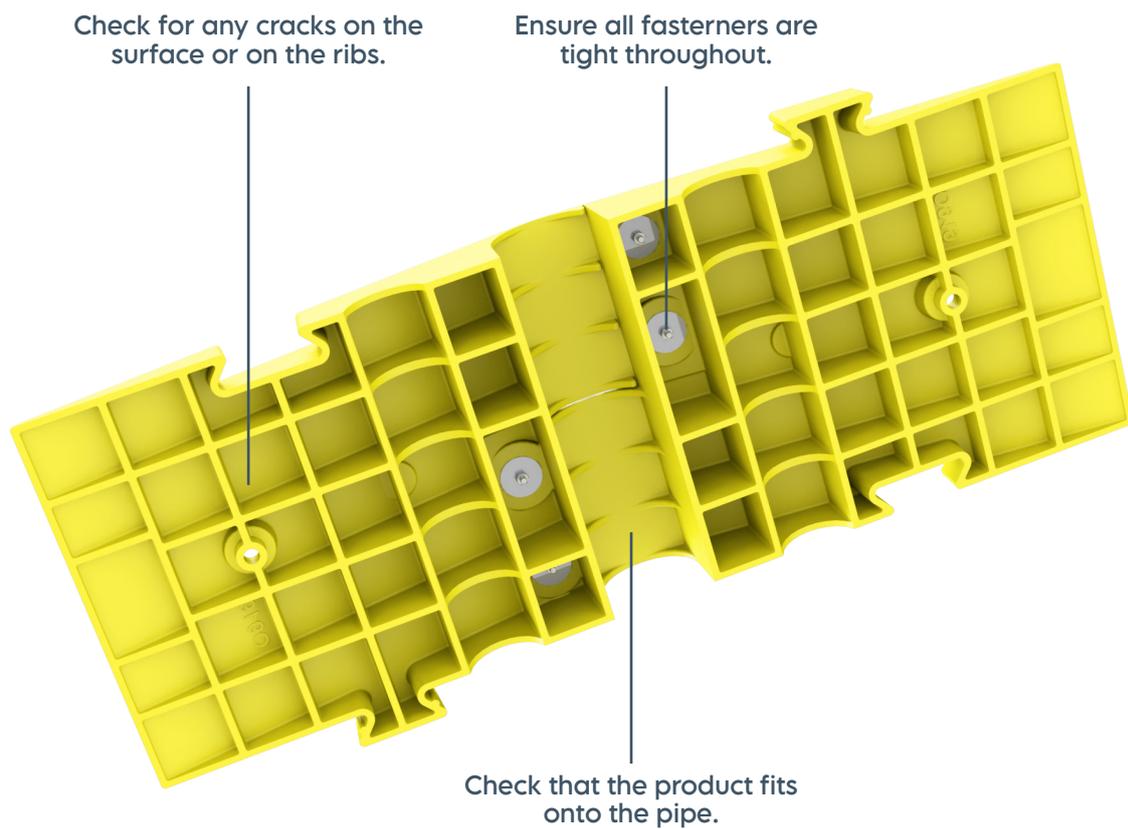


INSPECTION AND MAINTENANCE

Before each use, inspect the Bypass Ramp for any signs of damage due to improper use.

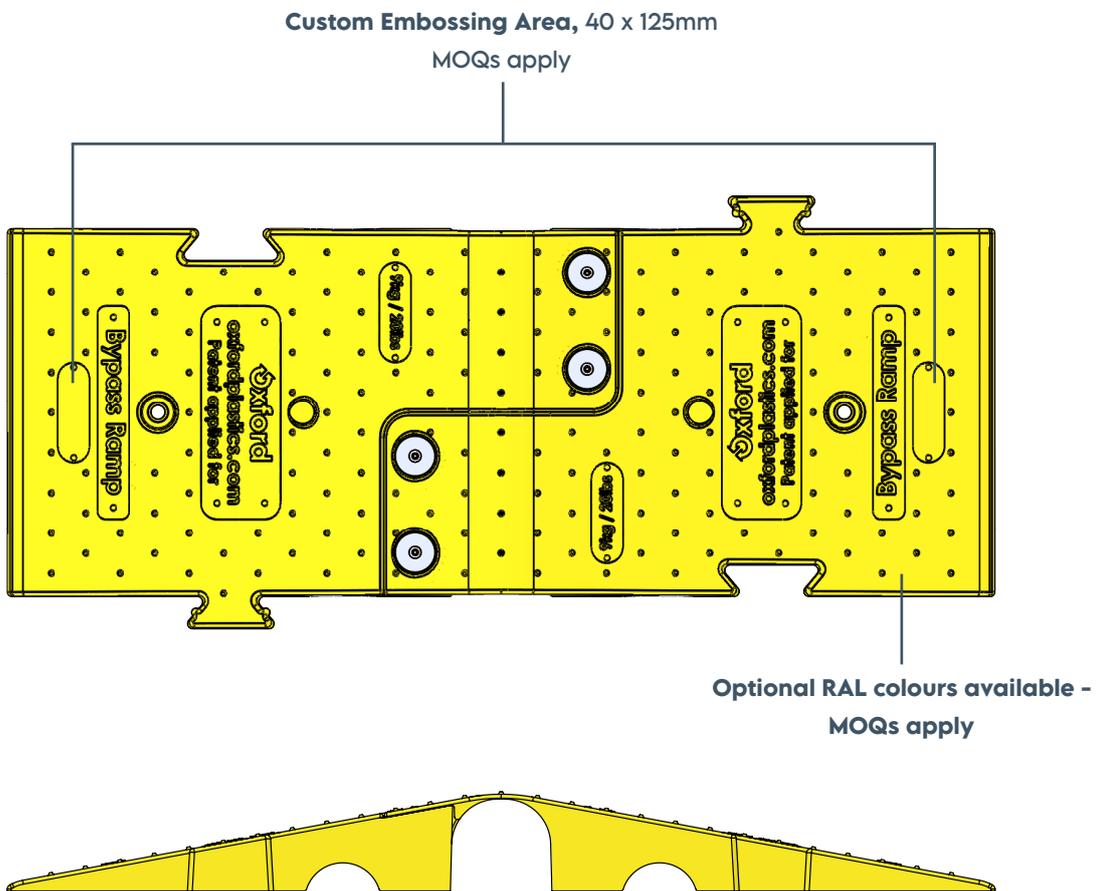
Signs of damage may include but are not limited to:

- Cracks on the surface or on the ribs
- Fasteners have loosened
- Warped ramp that no longer fits over pipes



BRANDING AND CUSTOMISATION

| | Standard Colour | Non-standard Colours | Embossing |
|-------------|-----------------|-------------------------|---|
| Bypass Ramp | Yellow | RAL Colours, MOQs apply | Customer Embossing Area 40 x 125mm, MOQs apply |





CONTACT INFORMATION

UK & R.O.W

Oxford Plastic Systems Ltd
Unit T2, Enstone Business Park
Enstone,
Chipping Norton
Oxfordshire
OX7 4NP
United Kingdom

sales@oxfordplastics.com
Tel: +44(0)1608 678888

USA

Oxford Plastic Systems LLC
1011 Centre Rd,
Suite 312,
Wilmington
DE
19805
USA

info@oxfordplasticsusa.com
1-800-567-9182

