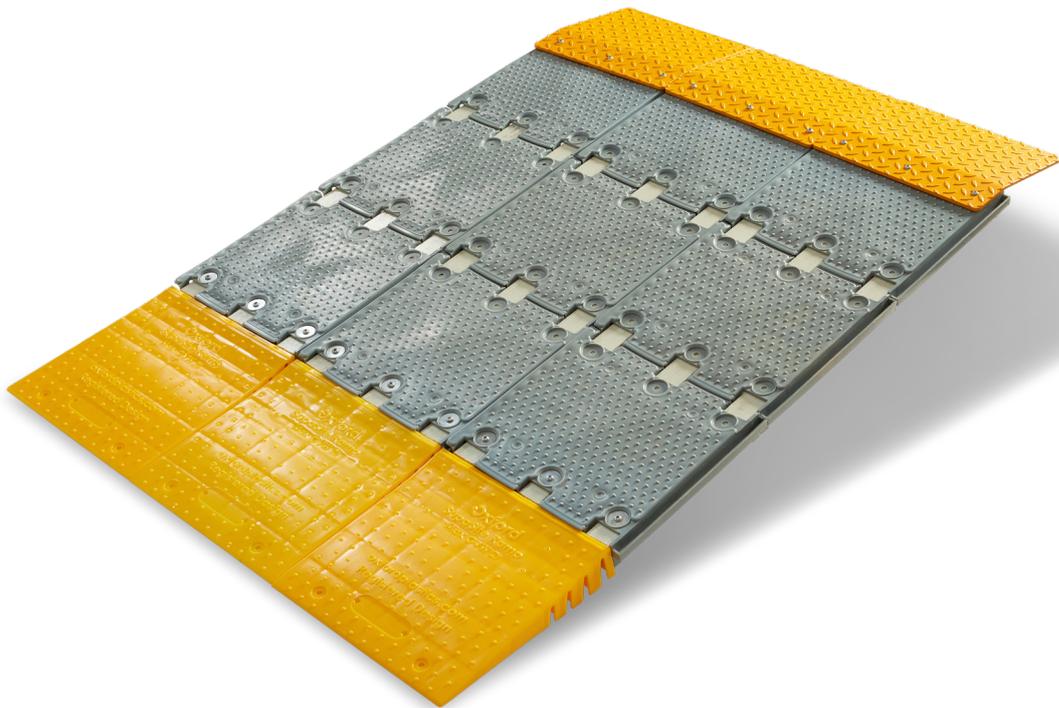




SUPASITE RAMP





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4	Features, dimensions and weights
5	Usage and installation
6	Load deflection data
7	Slip resistance
8	Inspection and maintenance
9	Branding and customisation
10	Contact information



INTENDED USAGE

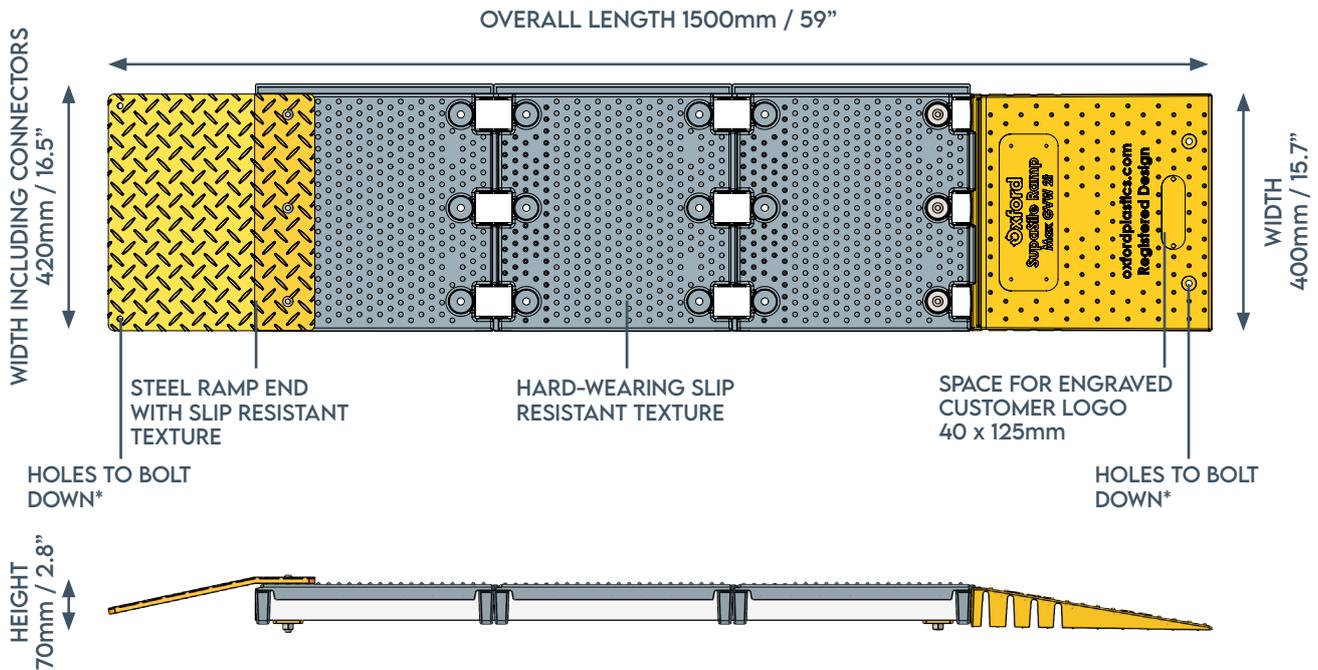
A site safety risk assessment (SSRA) must be carried out before installation and use of the product. This product has been designed and tested in the following scenarios using controlled conditions.

- Up to 1400mm / 55" effective span with the distributed load of a 2t / 4,400lb vehicle.
- The product is installed on a step with rigid and secure walls, and the plate 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 butted against the step by an experienced operator.
- The product is clean and fully functioning.



FEATURES, DIMENSIONS AND WEIGHTS

SUPASITE RAMP 24kg / 53lb



* Should you need to fix the Ramp to the surface, there are many suitable ground fixings. The right choice is dependent on the ground conditions, whether it is soft, hard or unstable ground. The SupaSite Ramp accepts up to 8mm 5/16" size bolts or pins. A thorough inspection should be conducted prior to installation to select the appropriate fixing type.

Part Name	Product Code
SupaSite Ramp	O916

FEATURES

- 2t working load.
- Minimum 2:1 safety factor.
- Non-slip top surface.
- Modular, 400mm wide sections.
- One person installation, quick to deploy in sections that link easily.

END USER BENEFITS

- Replaces bespoke timber ramps, which lack specifications and require frequent maintenance.
- Gives ramp access for pedestrians, pallet trucks & MEWPs (Mobile Elevating Work Platforms).
- Reusable, repairable & recyclable.
- Labour & material cost-reduction.



USAGE AND INSTALLATION

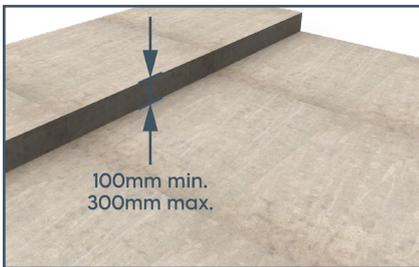
Risk assessments should be carried out to ensure the usage is suitable for the scenario.

Every section has the facility to be bolted down individually.

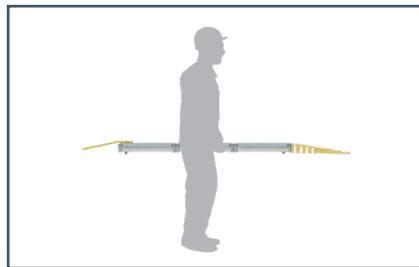
The product is designed to be used in the following scenarios.

This list is not exhaustive.

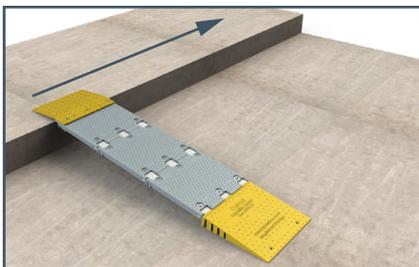
The SupaSite Ramp enables plant equipment to move through multi-storey construction sites. Other applications include container off-loading and event setup.



Confirm step height is suitable:
100mm min.
300mm max.



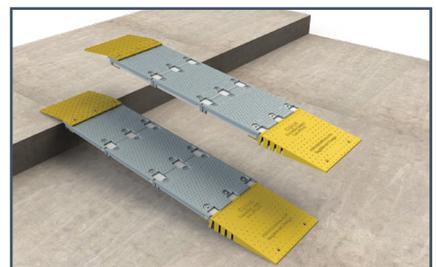
One person lift.



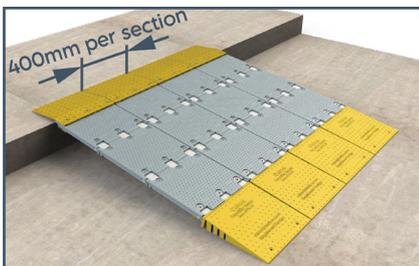
Place first ramp section starting from the left side of the desired total run of sections.



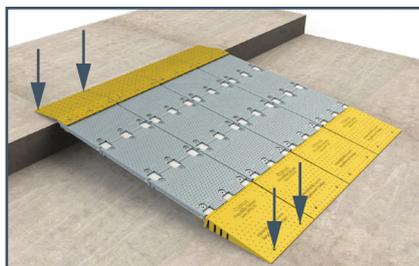
Ensure ramp is butted up against the step.



Place the next section to the right of the first section, ensuring that the connectors are engaged.



Repeat until desired overall ramp width is achieved. Each section is 400mm wide.

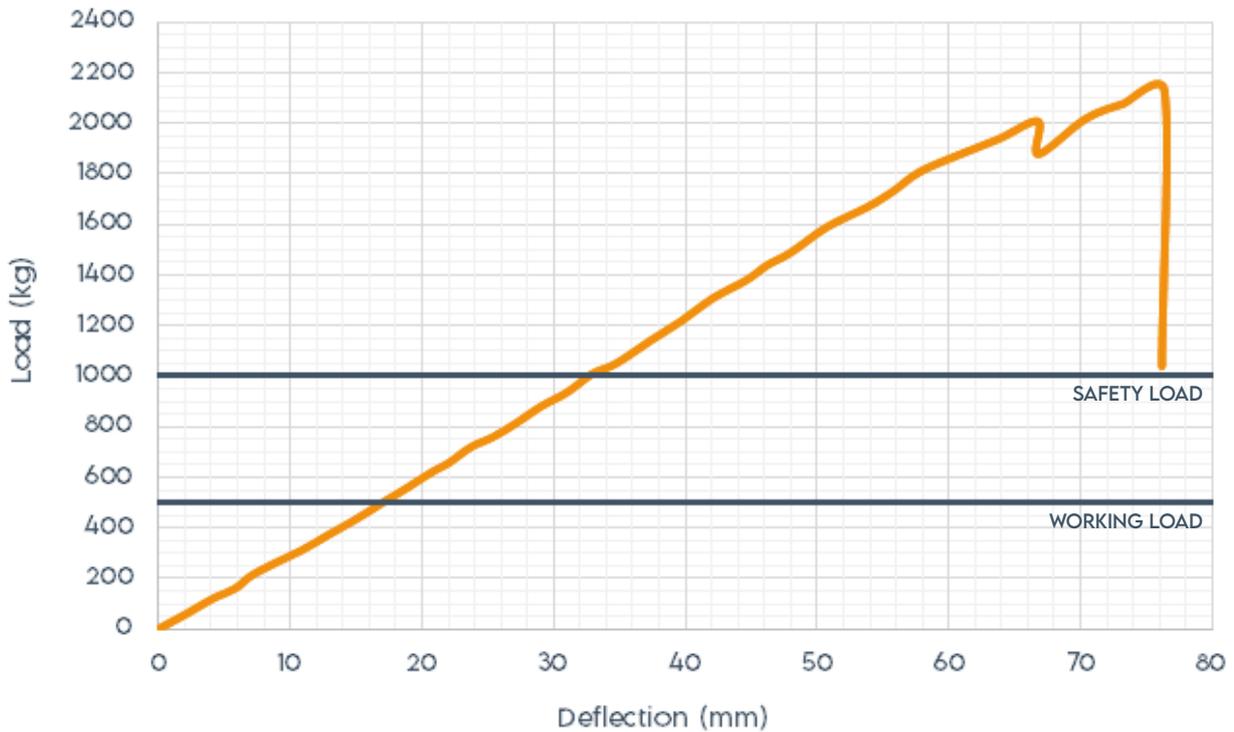


Carry out risk assessment to determine if sections need to be bolted down. There are 4 holes available for bolting down on each section.*

* Should you need to fix the Ramp to the surface, there are many suitable ground fixings. The right choice is dependent on the ground conditions, whether it is soft, hard or unstable ground. The SupaSite Ramp accepts up to 8mm 5/16" size bolts or pins. A thorough inspection should be conducted prior to installation to select the appropriate fixing type.



LOAD DEFLECTION DATA



Deflection at 500kg / 1100lb

17.3mm / 0.68"

Ultimate load at failure

2010kg / 4,430lb

Destructive testing has been carried out on the product to simulate deflection under the working load, and ultimate failure.

The testing is 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

2t / 4,400lb

500kg / 1,100lb per wheel

TEST SPECIFICATION

Span
1400mm / 55"

Load Footprint
100 x 50mm / 4 x 2" rectangular pad with rubber base to simulate single hard wheel with rubber tread.

Load Location
Centre of product.



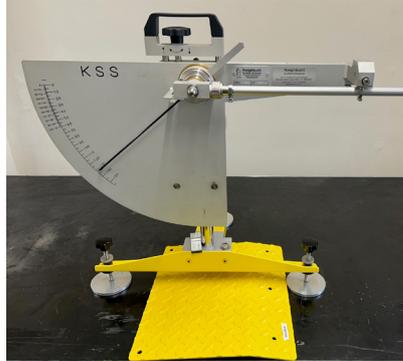


SLIP RESISTANCE

Slip resistance testing has been carried out by an independent test house, in line with the requirements of UK HSE 2012 document 'Testing the slip resistance of flooring'.

This test is equivalent to ASTM E303-93 and AS/NZS 4586:1999.

Testing was carried out in 3 directions (parallel, 45° & perpendicular to traffic) in wet and dry conditions, using a calibrated Munro slip tester using Slider 55 on each of the 3 different surfaces on the product. A median Pendulum Test Value (PTV) was taken from 3 different directions.

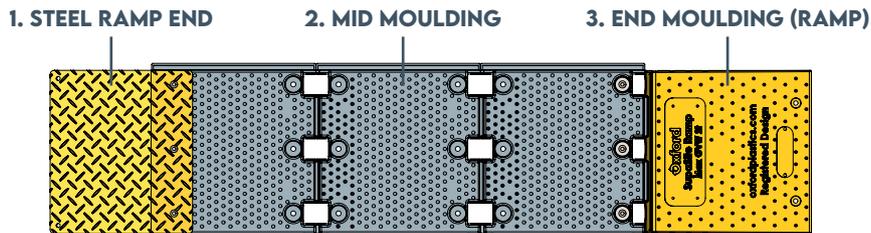


CLASSIFICATIONS

High Slip Potential
0-24 PTV

Moderate Slip Potential
25-35 PTV

Low Slip Potential
36+ PTV



1. STEEL RAMP END	Median Result PTV	Slip Potential Classification
Dry	103	LOW SLIP POTENTIAL 1 : 1,000,000
Wet	18	HIGH SLIP POTENTIAL 1 : 20

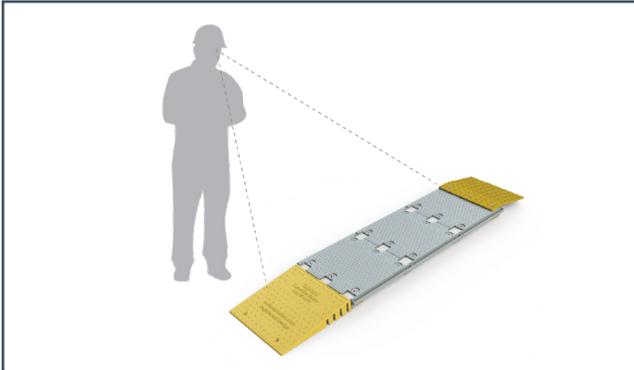
2. MID MOULDING	Median Result PTV	Slip Potential Classification
Dry	105	LOW SLIP POTENTIAL 1 : 1,000,000
Wet	55	LOW SLIP POTENTIAL 1 : 1,000,000

3. END MOULDING (RAMP)	Median Result PTV	Slip Potential Classification
Dry	103	LOW SLIP POTENTIAL 1 : 1,000,000
Wet	38	LOW SLIP POTENTIAL 1 : 1,000,000



INSPECTION AND MAINTENANCE

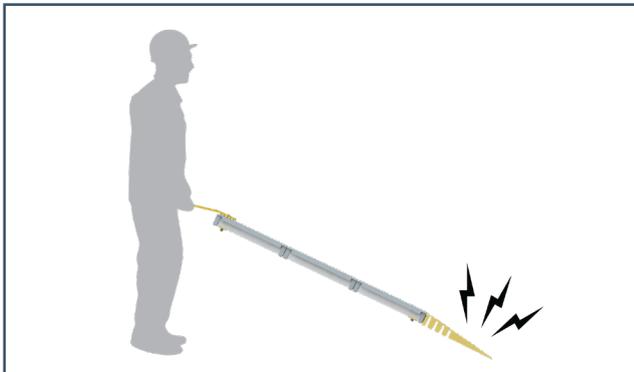
Care for the product by following the below guidance. This list is not exhaustive.:



Inspect each product for signs of damage, between every installation.



Examples of damage shown above; bent steel plates, left, and cracked structural sections, right. This list is not exhaustive



Do not drop the product.
Do not lift or move with machinery.

SIGNS OF DAMAGE

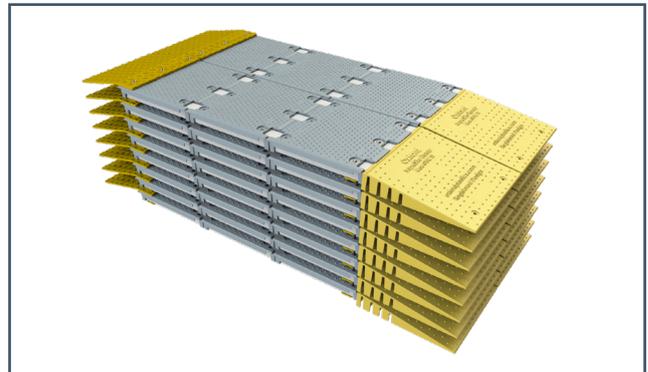
Bent steel plates or cracks in the structural sections indicate it has been damaged through improper use.

This list is not exhaustive.

These products must be disposed of.



Clean product between every installation to remove debris, and to maintain slip resistance properties.



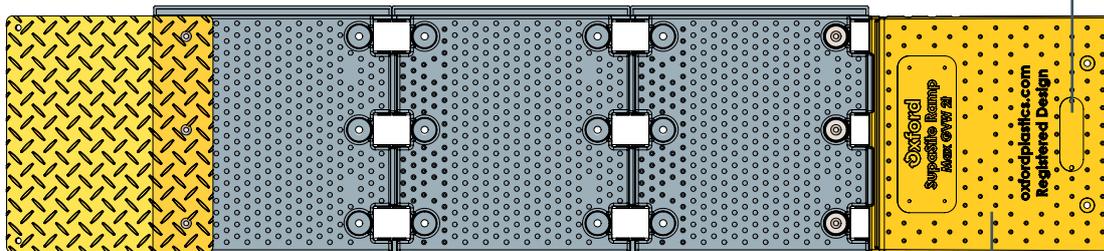
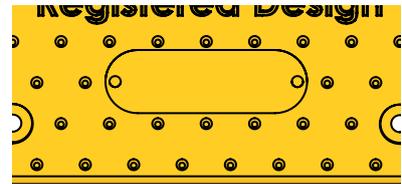
Store and stack flat



BRANDING AND CUSTOMISATION

SupaSite Ramp Parts	Standard Colour	Non-standard Colours	Embossing
Steel End	Yellow	N/A	N/A
Mid Moulding	Grey	N/A	N/A
End Moulding (Ramp)	Yellow	RAL Colours, MOQs apply	Customer Embossing Area 40 x 125mm, MOQs apply
Pultrusions	Grey	N/A	N/A

SupaSite Ramp End Ramp
Custom Embossing Area, 40 x 125mm
 MOQs apply



Optional RAL colours of End Ramp available - MOQs apply





CONTACT INFORMATION

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