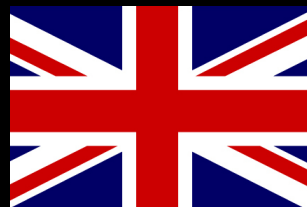
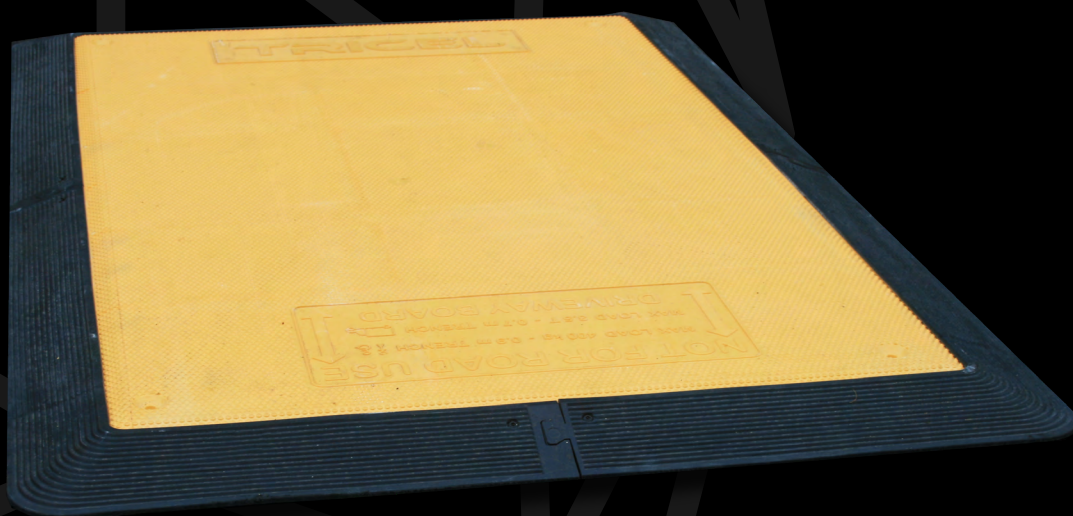


ROAD SAFETY

BY TRICEL



UK'S LEADING
DESIGNER & MANUFACTURER



TRICEL TRENCH COVER RANGE

STANDARD AND SUREFOOT
TRENCH COVERS



TRICEL
GENERATIONS OF INNOVATION

STOCK CODE:
STANDARD 1600 : 100481
STANDARD 1220 : 104319
STANDARD 1080 : 102820

SUREFOOT TRENCH COVERS

SUREFOOT 1600 (1665 x 1285MM), SUREFOOT 1220 (1260 x 840MM), SUREFOOT 1080 (1147 X 1147MM)
EDGED & UNEDGED

SUREFOOT 1600 : 104320
SUREFOOT 1220 : 104319
SUREFOOT 1080 : 102820

ROAD SAFETY

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INTENDED USE – ALL BOARDS

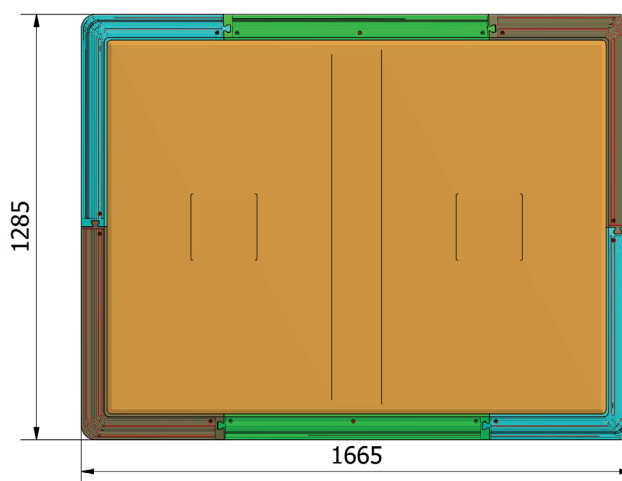
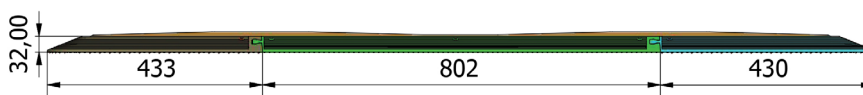
A Site Safety Risk Assessment (SSRA) must be completed prior to the installation and operation of this product. The product has been engineered and evaluated under controlled conditions in the scenarios outlined below. Designed to support pedestrian traffic, the product accommodates trench

widths ranging from 500mm to 700mm with the load capacity determined based on the specifications outlined below.

The product is installed within a trench featuring rigid with secure walls. The product remains stationary during operation.

The product is centrally positioned over a trench by trained and experienced personnel during installation.

Top view and profile view of SUREFOOT 1600



* Approximate dimensions.

In accordance with Tricel's normal policy of product development these specifications are subject to change without notice.

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STOCK CODE:
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STANDARD 1220 : 104319
STANDARD 1080 : 102820

SUREFOOT TRENCH COVERS

SUREFOOT 1600 (1665 x 1285MM), SUREFOOT 1220 (1260 x 840MM), SUREFOOT 1080 (1147 x 1147MM)

EDGED & UNEDGED

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SUREFOOT 1080 : 102820

ROAD SAFETY

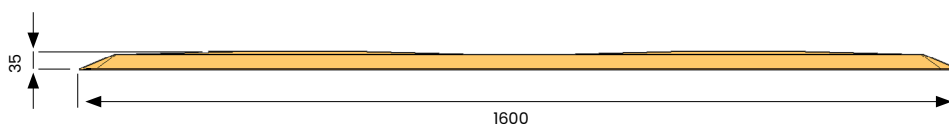
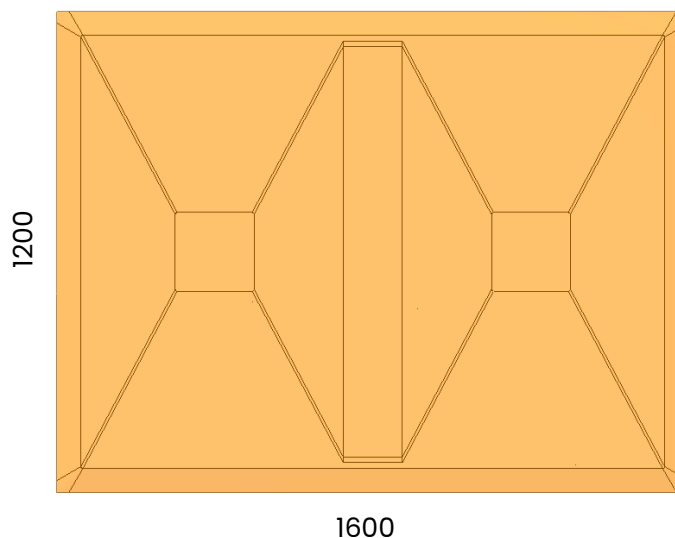
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TRICEL TRENCH COVER – 1600 X 1200



* Approximate dimensions.

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SUREFOOT TRENCH COVERS

SUREFOOT 1600 (1665 x 1285MM), SUREFOOT 1220 (1260 x 840MM), SUREFOOT 1080 (1147 x 1147MM)

EDGED & UNEDGED

SUREFOOT 1600 : 104320
SUREFOOT 1220 : 104319
SUREFOOT 1080 : 102820

ROAD SAFETY

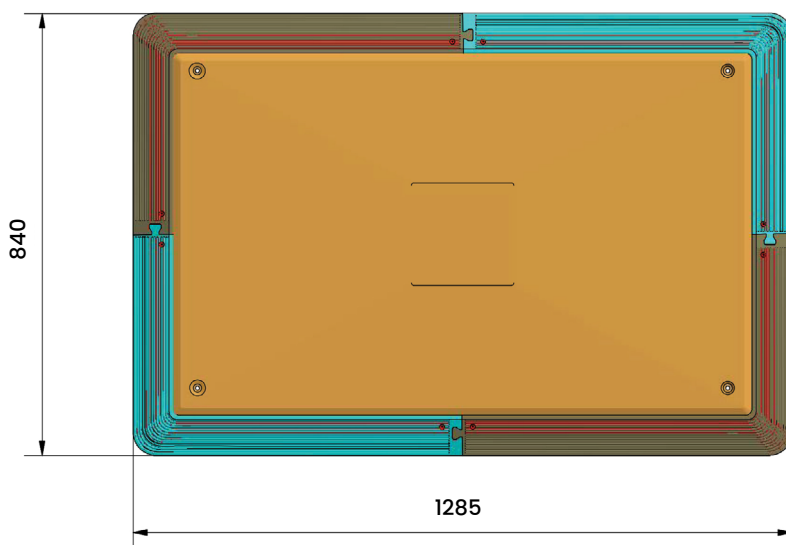
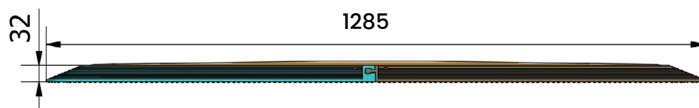
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Top view and profile view of SUREFOOT 1220



* Approximate dimensions.

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SUREFOOT TRENCH COVERS

SUREFOOT 1600 (1665 x 1285MM), SUREFOOT 1220 (1260 x 840MM), SUREFOOT 1080 (1147 x 1147MM)

EDGED & UNEDGED

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SUREFOOT 1220 : 104319
SUREFOOT 1080 : 102820

ROAD SAFETY

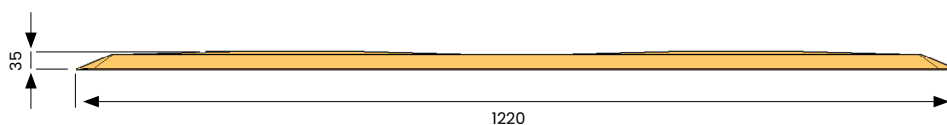
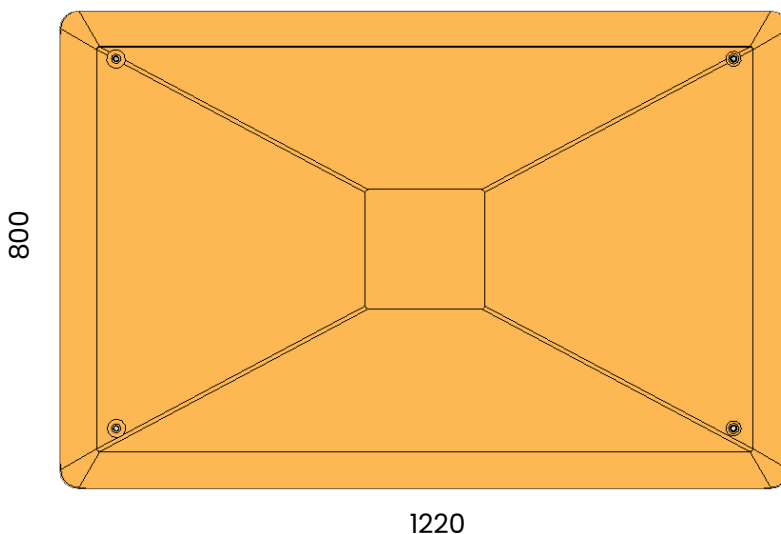
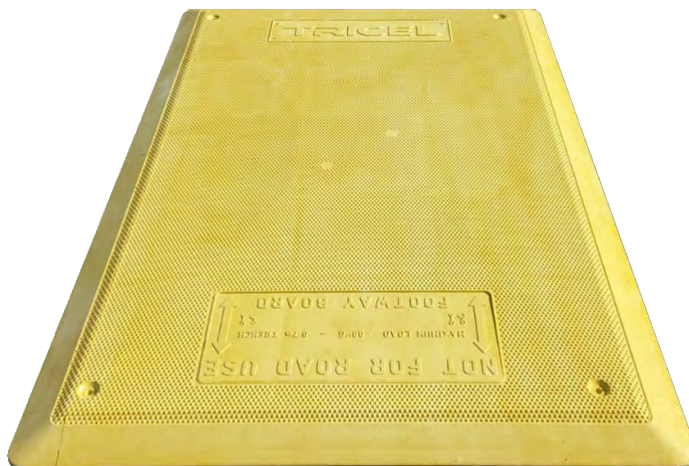
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TRICEL FOOTWAY BOARD 1220 X 800



* Approximate dimensions.

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SUREFOOT TRENCH COVERS

SUREFOOT 1600 (1665 x 1285MM), SUREFOOT 1220 (1260 x 840MM), SUREFOOT 1080 (1147 x 1147MM)

EDGED & UNEDGED

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SUREFOOT 1220 : 104319
SUREFOOT 1080 : 102820

ROAD SAFETY

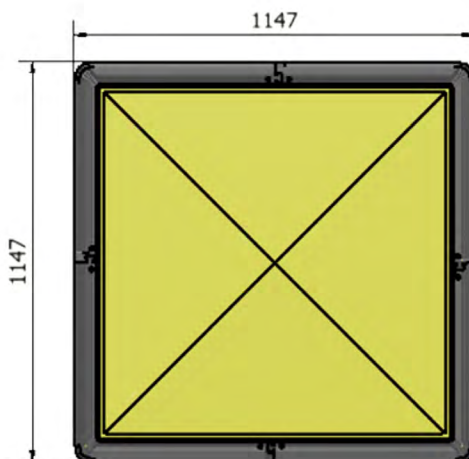
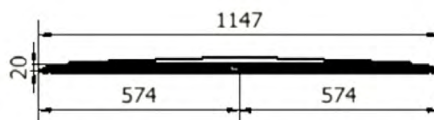
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Top view and profile view of SUREFOOT 1080



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SUREFOOT TRENCH COVERS

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EDGED & UNEDGED

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SUREFOOT 1220 : 104319
SUREFOOT 1080 : 102820

ROAD SAFETY

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DIMENSIONS

Available in three sizes:

Standard Trench Cover:

100481 : 1600x1220

102808 : 1220x800

102811 : 1080x1080

Surefoot Trench Cover :

- 104320 : SUREFOOT 1665 x 1285mm

- 104319 : SUREFOOT 1285 x 862mm

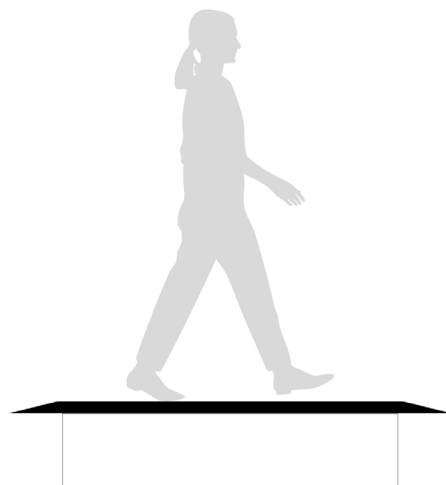
- 102820 : SUREFOOT 1147x1147

Product Weights :

SUREFOOT 1600 x 1220 weight = 32.3kgs

SUREFOOT 1220 x 800 weight = 17.4kgs

SUREFOOT 1080 x 1080 weight = 22kgs



KEY FEATURES

- This product is compliant with the Street Works manual, HAUC 2018/01 advice note, Department for Transport TAL 6/14, and BS7976.
- Fully compliant with current UK & European Legislation.
- Tough, lightweight & durable (constructed from GRP).
- Improved stability & reduced movement (PVC edge).*
- Four pre-moulded fixing holes available for certain applications.
- Reduced trip hazard with a 6mm non-trip leading edge. The lowest leading edge profile currently on the market.
- Skid resistance was tested in accordance with BS EN13036-4:2011 ensuring compliance with industry standard for surface safety.
- Electric shock safe.
- For international projects, compliance includes RSA21/ZTV-SA 97 (Germany) and HS20-44, AASHTO H25 and HS25 Loading (USA).

SPECIFICATIONS

- Max load of 3Tonne Product Specific (see load ratings below)
- High strength to weight ratio.

Load Rating:

- Surefoot 1600: 3 tonne loading over a 500mm trench
- Surefoot 1220: 1.6 tonne loading over a 700mm trench
- Surefoot 1080: 250kg loading over a 700mm trench

Destructive testing has been conducted to replicate deflection under the specified working load and to assess the product's ultimate failure threshold. All testing is performed by qualified personnel at Tricel's specialist testing facility located at company headquarters. Products are designed and tested in accordance with HAUC (UK) Advice Note No. 2018/01 – Specification and Operational Requirements for Footway Boards, Driveway Boards, Footway Ramps and Road Plates – and the guidelines outlined in the safety at street works and road works – code of practice.

* Approximate dimensions.

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SUREFOOT TRENCH COVERS

SUREFOOT 1600 (1665 x 1285MM), SUREFOOT 1220 (1260 x 840MM), SUREFOOT 1080 (1147 X 1147MM)

EDGED & UNEDGED

SUREFOOT 1600 : 104320
SUREFOOT 1220 : 104319
SUREFOOT 1080 : 102820

ROAD SAFETY

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SAFETY

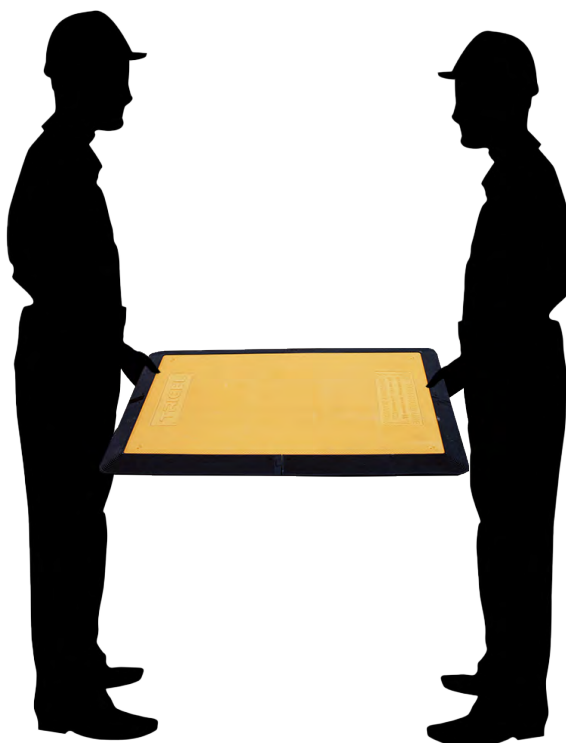
- Approved by local authorities and major utility companies.
- Department for Transport compliant (Safety at Street Works and Road Works and Practical guide for Street Works).
- DETR compliant (Best Practice in Street Works and Highway Works).
- Complies to the directives and specifications in the latest Street Works regulations and Directive 2017 relating to Ramps, Trench Covers and Road Plates.
- Complies to and exceeds T/SP/E42 National Grid specification for Ramps, Trench Covers and Road Plates.

STORAGE & HANDLING

- Storage: Store Flat
- Handling: 2 man lift, do not walk on leading edge

SLIP RESISTANT

- Skid resistance testing was carried as per BS EN 13036-4:2011
- To maintain slip resistance, the product must be cleaned between every installation.
- Test results are available upon request.



* Approximate dimensions.

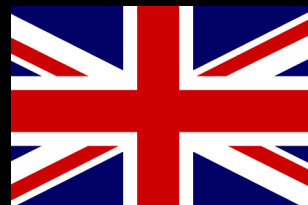
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ROAD SAFETY

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INSTALLATION GUIDE

TRICEL TRENCH COVERS



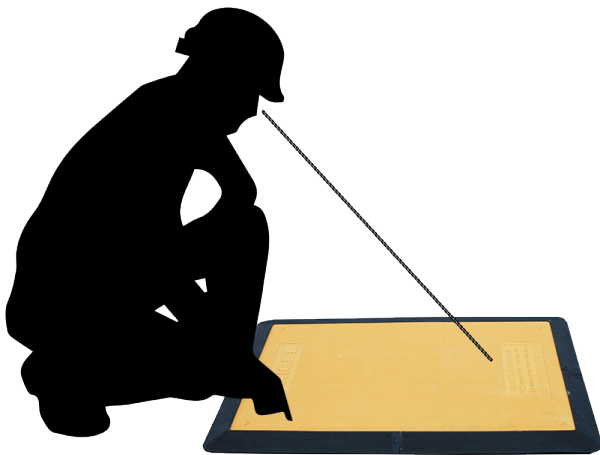
TRICEL
GENERATIONS OF INNOVATION

MAINTENANCE & INSPECTION

CHECK FOR SIGNS OF DAMAGE



1. Visible cracks in the yellow section indicate damage resulting from improper use.
2. The product should rest flat on the ground; any noticeable bending also suggests misuse.
3. This is not an exhaustive list of damage indicators.
4. Products showing such signs must be removed from service and disposed of appropriately
5. Maintain records of all inspections, maintenance, and incidents for traceability and compliance.



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



To maintain anti-slip properties, make sure to clean product between every installation and remove any visible debris.



When fitting the product in place, never drop the product, gently lower it in place. Never lift or move with machinery. Never drag the product across the leading edge.



TRICEL
GENERATIONS OF INNOVATION

* Approximate dimensions.

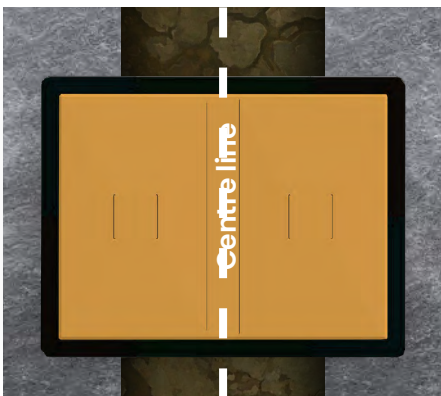
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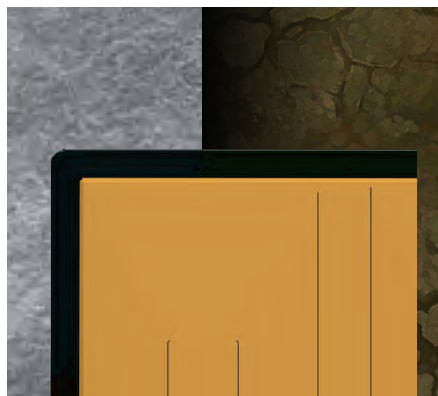
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INSTALLATION & MANUAL HANDLING GUIDELINES

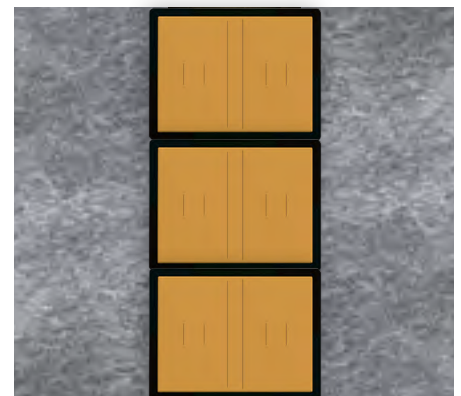
- Always carry out a risk assessment to ensure that the usage of a Trench Cover is a suitable solution for your scenario.
- Each trench cover is equipped with provisions for individual bolt-down installation.
- Verify that the trench dimensions and conditions comply with the specifications outlined below.
- Some products may require a two-person lift, as outlined below. Always refer to the specific product guidelines to determine appropriate handling requirements. Site conditions, operator capability, or manual handling policies may require two people.
- Bolting down trench covers should be determined based on a site-specific risk assessment, and appropriate fixings must be used to ensure secure installation. The appropriate fixing method depends on ground conditions—whether soft, hard, or unstable. A thorough inspection must be carried out prior to installation to ensure the correct fixing type is selected.
- Repeat the installation process until the entire trench is covered, ensuring each cover is secure and stable.
- Always follow safe manual handling procedures and use appropriate PPE.
- Assess environmental conditions such as ice, flooding or extreme temperatures before installation. Take additional precautions as necessary to ensure safety and product.



Always position the trench cover board **centrally** over the trench as illustrated.



Ensure a **minimum overlap of 150mm** for every board.



Repeat until the whole trench is covered.

* Approximate dimensions.

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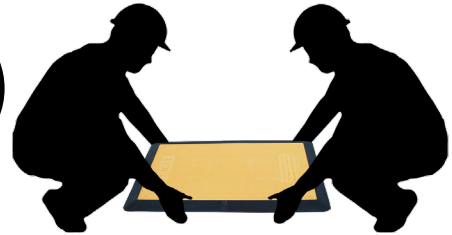
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INSTALLATION & MANUAL HANDLING GUIDELINES



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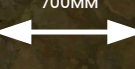
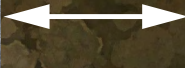
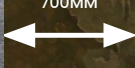
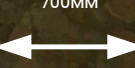
TWO
PERSON
LIFT



Ensure to bend at the knees when lowering the trench cover in place.

UNEDGED

EDGED

PRODUCT	DIMENSIONS	LOAD RATING	 MAX TRENCH WIDTH FOR PEDESTRIAN CROSSING	HOW MANY PEOPLE TO LIFT?
TRENCH COVER	1080x1080	250KG LOADING	 OVER 700MM	
TRENCH COVER	1220x800	1.6 TONNE LOADING	 OVER 700MM	
TRENCH COVER	1600x1220	3 TONNE LOADING	 OVER 500MM	
SUREFOOT 1080	1080x1080	250KG LOADING	 OVER 700MM	
SUREFOOT 1220	1220x800	1.6 TONNE LOADING	 OVER 700MM	
SUREFOOT 1600	1660x1220	3 TONNE LOADING	 OVER 500MM	

Overlap – 150mm / 6" for all boards



TRICEL
GENERATIONS OF INNOVATION

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