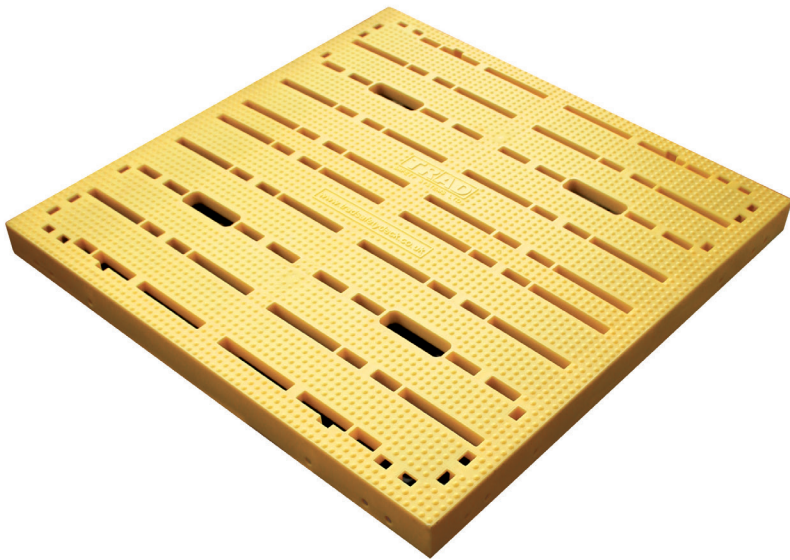




SAFETY PRODUCTS

SAFETY DECK

User Guide



HIRE & SALES

BH/09.26

Altrad Hire & Sales

Support for Construction & Industry



Altrad Hire & Sales is the UK's leading supplier of: Scaffolding, Temporary Fencing, Light Access, Edge Protection, Safety Decking and Groundworks for hire and sale.

OUR **CUSTOMER COMMITMENT** IS TO DELIVER:



BEST QUALITY

We work closely with our suppliers to ensure consistent product quality every time. All our products are specified to meet or exceed statutory requirements, verified by our Quality Assurance team.



BEST AVAILABILITY

Our nationwide branch network, transport fleet and stock holding ensure we can supply your equipment needs. What, When and Where you need equipment.



BEST PARTNERSHIP

We can take care of all your equipment needs; supplemented by a full range of engineering, design, specification and business services. Our focus is to work together, supporting the growth of your business.



BEST VALUE

Our global supply chain, purchasing and lean business means we don't pass on unnecessary costs to you. We aim to provide consistently low prices and the best value when you buy or hire from us.

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GUIDANCE NOTE

- This manual is valid only for the use of Genuine Safety Deck system manufactured and supplied by Altrad Hire & Sales.
- You should **read** and **ensure** you understand this manual in its entirety prior to commencing work.
- **Only trained and competent operatives should erect, dismantle or modify the Safety Deck system at all times.**

DISCLAIMER:

Altrad Hire & Sales reserve the right to alter or amend without notice the design and / or specifications of any of the equipment forming part of the Safety Deck System, in the interests of improvement.

Whilst Altrad Hire & Sales and the author have made every reasonable effort to ensure that the information contained within this user guide is correct at the time of printing, you should be aware that Altrad Hire & Sales and the authors do not accept any liability for any inconvenience, loss or damage caused by the result of any inaccuracy, or omission, within this publication.

About Safety Deck

The Safety Deck System is a light weight, collective fall prevention system which, unlike other similar systems on the market, is designed to flex and absorb energy in the case of a fall.

With a safe working load capacity of 2.0kN/ m² (202.66kg/m²) Uniformly Distributed Load (UDL), which is equivalent to Load Class 3 under BS EN 12811-1:2003, the safe working static load has been established with a safety factor of 3 for small dynamic loads.

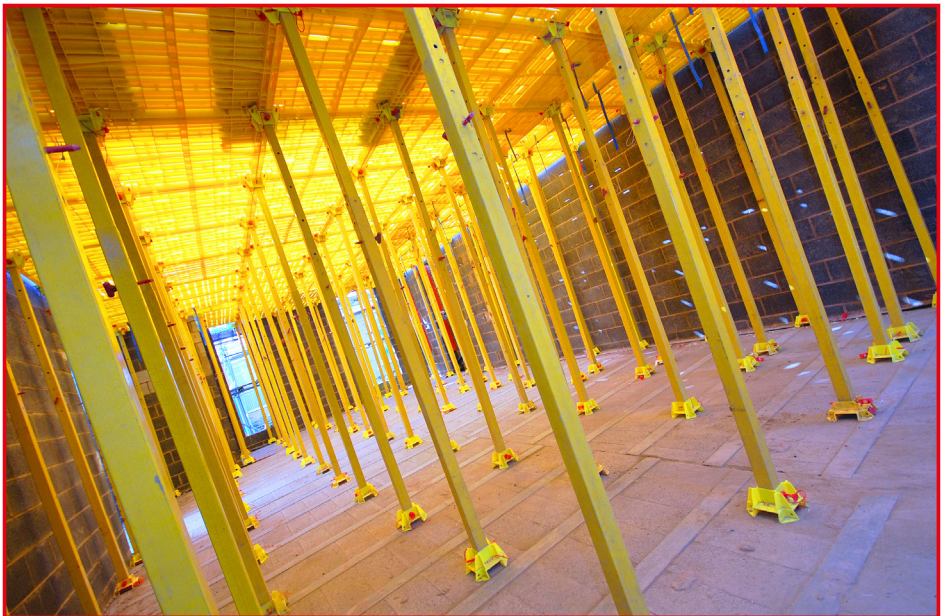
The system also meets the criteria for Class B material fragility as required by ACR[M]001:2014.

The Safety Deck System is a systemised safety product and, as such, requires a systemised approach to its erection and dismantle. With a minimal amount of basic components, when installed in accordance to the erection guide, the Safety Deck System is an approved, proven and tested platform which is recognised as the market leader.

GUIDANCE NOTE

SAFETY DECK IS NOT A CRASH DECK!

Safety Deck is a dynamic and light weight collective fall prevention system.



Safety Deck & Safety

Competence of Erectors

Competence of individuals is now a direct requirement of current regulations. Consequently, employers have a duty to ensure that all individuals involved in the erection, modification or dismantling of any Safety Deck equipment have received the training necessary to enable them to carry out their work in a safe manner.

While Safety Deck provides a safer, more effective alternative to other systems and traditional equipment, Altrad Hire & Sales recommends that a minimum of two* trained and competent operatives be allowed to erect the system.

*In certain operations a third person may be required.

Work at Height / Fall Prevention / Fall Mitigation

The current edition of the Work at Height Regulations places a duty on employers to protect individuals from harm. Therefore, it is of paramount importance that all activities are assessed for risk, planned and a safe system of work is adopted during any construction activity.

During the construction phase within a building, the Safety Deck System does not just mitigate a potential fall, it prevents the possibility of operatives falling from one level to another, while providing not only protection from a fall from height for an individual, but offering protection for the collective.

As the Safety Deck System is manufactured from a special re-cyclable plastic compound, it affords shock-absorbent properties. Meaning that, in the unwanted event that a person falls on the deck, harm of a serious nature is less likely to occur than if another decking system were to be used, such as one manufactured from steel.

Manual Handling

The following basic rules should be adhered to when manually handling the Safety Deck system and associated components.

- Plan/ lay down storage areas in advance, to reduce the distance materials have to be manually handled.
- Always check the transit route before manual handling, to ensure that it is suitable and free from obstructions and any tripping hazards.
- When handling long materials, beware of damaging property, overhead electric lines, other people and moving vehicles.
- Only tackle loads that can be reasonably handled by the individuals involved – i.e. consider personal physical capabilities.
- Manual handling operations should be eliminated where possible, by using mechanical handling equipment and manual handling aids whenever possible. These include light-lines, gin wheel, forklifts and cranes etc.
- Use the correct knots and hitches if using rope to lift equipment.

Note: Details relating to manual handling and what should be considered can also be found in the latest edition of the NASC guidance note SG6 – “Manual Handling in the Scaffolding Industry.”

Although Safety Deck is not a scaffold product, SG6 contains details which may be pertinent when manually handling this system.

GUIDANCE NOTE

Always use the correct kinetic handling technique:

- Make sure your feet are on a firm level base, a comfortable distance apart (Approx. 300mm).
- Use your legs and not your back to bend.
- Raise your head slightly and tuck in your chin to keep your spine straight.
- Avoid turning / twisting the trunk of the body.

Safety On Site

As is the case with any decking system, only trained and authorised operatives should carry out the erection, dismantling or modification of a Safety Deck structure.

Consideration must always be given to those that may be affected by the works being carried out. To ensure that the highest standards of safety performance are maintained, consideration should be given to the following:

1. Safety Deck products must always be used together with the applicable Product User Guide.
2. Fall protection works should always be properly planned before commencing works. A Risk Assessment should be carried out with a Method Statement produced prior to the installation of Altrad Hire & Sales' Safety Deck System.
3. To ensure safety in the workplace, always consider the following:
 - i. Plan the Fall Protection at an early stage.
 - ii. Ensure the competency of all operatives.
4. Arrange suitable and safe, access & egress to and from the workplace. Stair access towers or ladders must be provided for all working platforms on temporary access structures, such as scaffolding. Staircase towers provide safe and convenient access for operatives and materials. Staircases should be the preferred choice for access. For shorter duration projects where the use of ladders is acceptable for access, ensure they are founded on a solid base and are securely fixed at the top.
5. On temporary access structures (such as scaffolding), do not overload the working platforms with any materials. If you require to stack large quantities of material at platform level, then a suitable loading tower, capable of sustaining all anticipated loads, should be utilised.
6. All working platforms on temporary access structures (such as scaffolding) must be complete with double guardrails and a toe board, and free from trip hazards or projections. Where there is a risk of items falling, the use of the brick guards should be considered. All scaffolds must be erected in strict accordance with their user guide, the current edition of the NASC's Guidance Note TG 20, or bespoke design.
7. Any unauthorised interference of temporary access structures and fall prevention / protection systems should be immediately reported to site management, with any incomplete or unsafe parts of the structure being clearly marked and access restricted.
8. All Safety Deck components require visual inspection before use. Only use products that have been previously inspected and are deemed safe to use, Please see page # for further guidance. Any equipment found damaged and not fit for use, should be immediately set aside in a quarantined area, clearly marked and senior management informed.
9. Maintenance and repair procedures should only be carried out by qualified / approved personnel.
10. Prior to erection, check the access route and assembly areas are tidy, clean and safe. Ensure they are kept in this manner throughout the erection process.
11. Only use tools intended for the work to be performed.
12. Ensure site management have confirmed floors and walls are safe as per Temporary Works requirements and are in a suitable condition to support the Safety Deck System where required.
13. Check there are no other Trades working above you and take appropriate action if this is the case.
14. Always wear appropriate PPE with Hi-Vis where required.

General Rules For Safety



Always

- **Always** ensure all who erect, adapt and dismantle the Safety Deck System are trained and competent to do so.
- **Always** ensure all risk assessments and method statements have been carried out, then communicated to those concerned, and understood.
- **Always** ensure that there is adequate storage space for the materials.
- **Always** ensure that there is clear access to the work area and that the surface is suitable for the Safety Deck System.
- **Always** work to current Health & Safety guidelines and regulations.
- **Always** ensure loads are evenly distributed.
- **Always** ensure Safety Deck System inspections are carried out and recorded as per current legal requirements.
- **Always** ensure that all defects are notified to the site management immediately.
- **Always** visually check the Safety Deck System before you start work.
- **Always** inform site agent immediately if you see a potentially dangerous situation.



Never

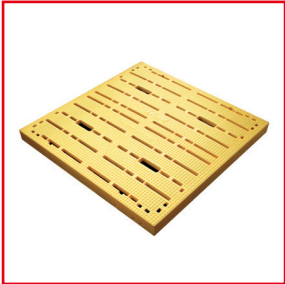
- **Never** let untrained persons erect, modify or dismantle the Safety Deck System.
- **Never** create gaps in the Safety Deck System by removing guardrails or toe boards.
- **Never** remove restrictions or warning signs.
- **Never** add sheeting or netting to the EdgeGuard system without prior approval.
- **Never** use damaged materials.
- **Never** allow unqualified / unapproved personnel to repair damaged equipment.
- **Never** remove Fixing Pins.
- **Never** remove Cam Straps.
- **Never** remove restrictions or warning signs.
- **Never** alter Safety Deck in any way without prior approval.
- **Never** use damaged materials.

GUIDANCE NOTE

Safety is no accident. Don't risk it – if in doubt ask!

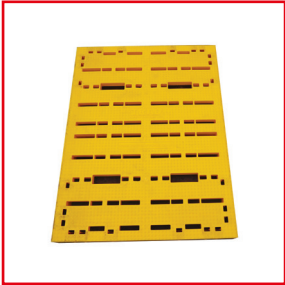
The information given in this user guide relates solely to genuine Safety Deck equipment supplied by Altrad Hire & Sales.

Main Components



Panel Size 1

Code	Length (m)	Width (m)	Weight (kg)
080305	1	1	9.16



Panel Size 2

Code	Length (m)	Width (m)	Weight (kg)
030210	1	0.75	7.98



Panel Size 3

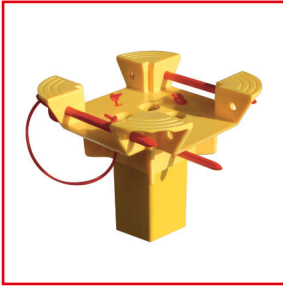
Code	Length (m)	Width (m)	Weight (kg)
080315	1	0.5	5.32



Leg Units

Code	Height (m)	Weight (kg)
080024	1.455m leg	1.20
080025	1.955m leg	2.00
080027	1.7m leg	1.80
080160	1.5m composite leg	1.60
080162	2.0m composite leg	2.70

Main Components



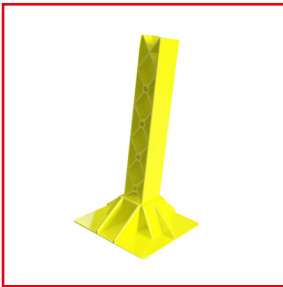
Universal Base/Head Unit

Code	Weight (kg)
080200	0.5



CAM Strap

Code	Weight (kg)
080200	0.5



Adjustable Foot

This component allows a range of heights, with available adjustment of 70mm, 140mm and 210mm.

Code	Weight (kg)
080201	2.0

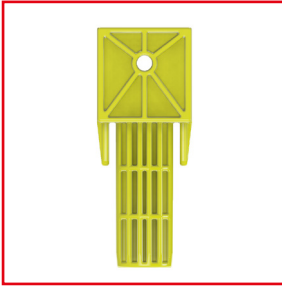


M10 Spring Pin

Used to secure the Adjustable Foot and Extension Plug to the legs of the system.

Code	Weight (kg)
080203	0.7

Hybrid Components



Hybrid Decking Connector

This allows the standard decking head to be used with a standard scaffolding tube and scaffolding tube connectors.

Code	Weight (kg)
080206	0.18



Scaffold Tube

Code	Length (mm)	Wall (mm)	Weight (kg)*
102008	2439	4.0	10.66
102004	1219	4.0	5.33
102003	914	4.0	4.32
104008	2439	3.2	8.68
104004	1219	3.2	4.34
104003	914	3.2	3.26



3 Way Through

Code	Weight (kg)
199635	0.73



90° Corner Swivel

Code	Weight (kg)
199670	1.52

Hybrid Components



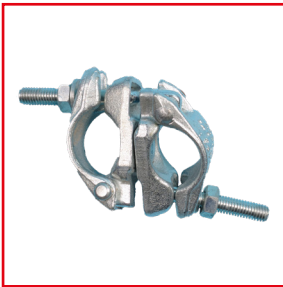
Single Swivel

Code	Weight (kg)
199624	0.89



Right Angle (Double) Coupler

Code	Weight (kg)
026001	1.02



Swivel Coupler

Code	Weight (kg)
026002	1.15



Base Plate

Code	Weight (kg)
026004	0.4

Hybrid Components



Adjustable Base Jack

Code	Height (mm)	Weight (kg)
127005	0.65	3.40
285080	0.60	3.58

Defect Identification

The following list is intended to offer a reasonable and practicable guide to assist with identification of defective components:

UNIVERSAL BASE/HEAD UNIT

Cracked and/or split plates/casings and supporting corner pads.

PANELS

Cracks and splits are acceptable on the side walls at the pin holes as long as the split hasn't travelled on to the top of the panel but if the top of the panel is split, it is not fit for purpose and should be removed.

LEGS

Bowed, split, buckled, kinked along their length. Any cuts or holes within the unit and / or any chemical contaminants, burns, nails etc.

ADJUSTABLE LEGS

As per leg units above plus; composite pin and clip is attached.

CAM STRAPS

Worn and frayed or part cut through.

PINS

Snapped, cracked or stressed.

Note: This list is not exhaustive and is intended as a basic guide. If you are in any doubt as to the integrity of any of the system or any individual parts you should seek advice from a Altrad Hire & Sales depot.

Altrad Hire & Sales and the author do not accept any liability for any inconvenience, loss, damage or accidental occurrence caused by the result of following the defect guidance in this publication.



Installation Guidance

This section describes the basic installation procedures for Safety Deck.

Only trained, competent operatives should install, dismantle or modify Safety Deck.

Prior to commencing work, make sure all method statements, risk assessments and permits are in place.

Ensure that the surface Safety Deck is to be built on is level and firm and capable of taking the imposed load of the completed system.

It is recommended that installation and dismantling of the system is carried out by a minimum of two operatives (in certain operations a third person may be required).

Current legislation states that, when complete, a temporary Safety Deck structure is required to be inspected:

- Before being used for the first time
- Following significant alteration.
- At least every seven days from the date of the last inspection.
- Following adverse weather or any event likely to have affected its strength or stability.

The inspections should include identification of damaged and defective parts, interference with the structure by others, over loading, unprotected edges, un-stability of the whole or part of the system, undermining of the structural legs.

Temporary Works

- Upper level Timber Floors (and non-timber floors) are still temporary until fully completed and should be part of the main contractors' site inspection/ quality and monitoring control process and Temporary Works Register.
- Any alterations to upper floors should be adequately designed by a competent Temporary Works Designer and signed off by the Temporary Works Co-ordinator prior to any access. This includes the provision of suitable access hatches for materials and personnel and/or BS EN 13374 Class A temporary edge protection systems.
- In accordance with BS 5975 (Temporary Works Standard), all temporary access arrangements should be checked and handed over by a competent person, prior to works commencing.
- Site management should plan the works so that Platform Decking Installers' safety requirements are considered prior to works commencing, including safe access to and from upper floors.

Checking

The installer should continuously check the Safety Deck installation and components during assembly. A final inspection must be made once assembly is finished, prior to hand over.

Basic Installation Procedure - Standard

Step 1

Load out the room



Step 2

Pin and secure the heads and footplates to all the leg units. Stand the leg units up against the wall leaving enough space to erect the system.



Step 3

Starting in one corner of the room, stand up 2 legs and angle them to the wall so that they stand up independently.

Step 4

Lift the full panel into the head of the leg units, making sure you have 2 legs in reaching distance, then put the 2 other legs under the panel to support the deck. You will now have a square.

NOTE: You can angle the 2 legs towards the wall to keep the system supported.



Basic Installation Procedure - Standard

Step 5

Now take another panel and lift one end into the heads of the first panel and put the next two legs under the second panel to support it. Continue this procedure of erection in one direction until you come to the end of the room.



Step 6

Erect the second row of panels in the same direction as the first row, joined to the first row, until you come to the end of the room. Repeat this process until the room is fully decked out and laterally supported by all 4 walls, as the second image shows.



Step 7

Now fix the safety pins through the head unit and the corresponding holes in the panels ,to secure the leg. This makes the system a complete unit.

NOTE: Where four panels are to be supported by one head unit it is imperative that the safety pins are fixed in parallel, ensuring that all four panels are secured (as shown below).

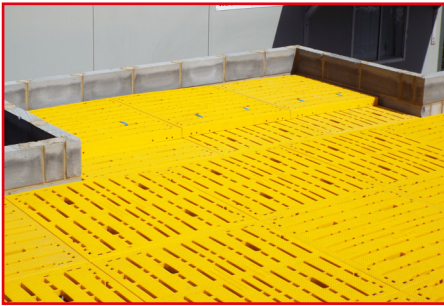


Basic Installation Procedure - Standard

Step 8

It is recommended that the room is protected by using full and intermediate panels. If this is not possible, any remaining gap should be covered by overlapping an appropriate sized panel.

The overlap panels should be laid onto the deck, covering the gap. Additional legs should be placed under the lapped panels at the outer edge corners of each panel. The legs are packed up with an additional base and head unit, to gain the additional height required.



Note: All variations of the standard Safety Deck System, including the variable height alternative and any lapped sections, must be shored on all four sides by supporting walls.

Step 9

The lapped panels must be strapped down to the supporting panels below, using a minimum of two cam straps per panel.

The cam straps are placed at the back of the panel, at the furthest point from where they lap the gap.

Ensure that when the straps are tightened they pull the deck into the walls, leaving the system rigid and free from movement.

The upper panel must be supported by the panel below by a minimum of 100mm.

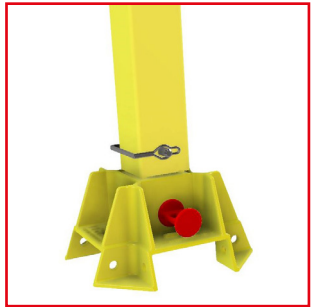
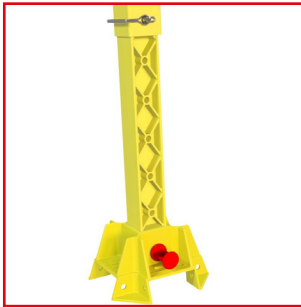
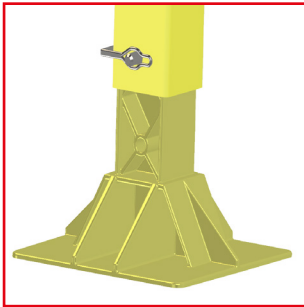


Basic Installation Procedure - Variable Height

Variable height / adjustable leg installation process needs the following additional measures:

- It is recommended that 3 operatives carryout install for 2.0m to 3.0m height, depending on build size.
 - Adjust leg to required height and insert composite leg pin with clip or M10 Spring Clip.
 - At the opposite corner from the room access point, place 4 legs against wall.
 - Place low level platform (e.g. podium type) so that it is in position under where the panel will be when fixing (platform will determined by height of leg).
- Operative 1 is positioned on the on the platform, erecting the system while operative 2 passes the required equipment (including pre-assembled legs) and operative 3 holds the system in position.
 - Now, using the principles described in pages 16 to 18, build an L shape, starting with the shortest elevation, ensuring the adjustable legs are pinned as you build.
 - Now build outwards to complete the room / area, with operative 3 continue to hold the system in place until all lateral movement securing methods are employed.
 - Final checks as any other build. However, all adjusted legs must have pins and and clips deployed.

NOTE: Temporary platforms must be used by a trained and competent person.

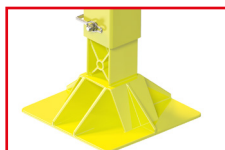


Basic Installation Procedure - Underlap

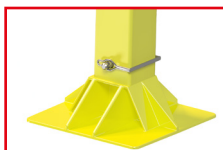
As mentioned in Steps 8 & 9 of the Basic Installation Procedure (page 16), where it is not possible to protect a room by using full and intermediate panels, any remaining gap should be covered by overlapping an appropriately sized panel. However, by clever utilisation of the Adjustable Foot (Code 080201) or the Extension Plug (Code 080207), it is possible to create an underlap, whereby, what would be the traditional make up panels are positioned under the main deck panels.

Step 1

Determine the required finished deck height for the main decked area, then set the height on the Adjustable Foot accordingly (or Extension Plug / Base & Head Unit combination), using the M10 Spring Pin. The underlap area is then set one hole beneath, meaning the main deck area must be set in at least the second hole from ground of the foot.

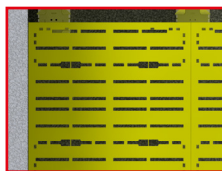
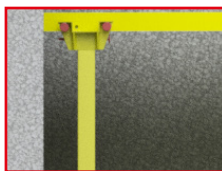


Main Deck



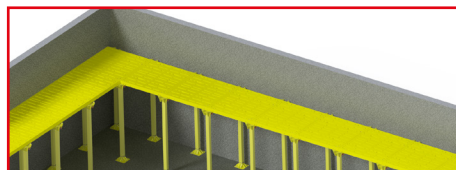
Underlap

The panels in the underlap section can be supported by the base and head units at the position of the secondary 'in-bound' holes, allowing a flush fit at the deck / wall interface. However, it has to be noted that this is not possible in the case of an L-shape as the corner deck **MUST** be supported using the outer reinforced edges.



Step 2

Using the methods from the Basic Installation Procedure, build the area of Underlap required depending on the size and shape of the room. This will usually only be one row along one wall, or one row each along two walls perpendicular to one another, creating an L-shape.



Step 3

Using the methods described previously in the Basic Installation Procedure, start from the opposing wall / corner and build towards the underlap row(s).

The last panels will be overlaid on the underlap section, covering the gap and strapped down to the supporting panels below, using a minimum of two cam straps per panel, four at the corner in the case of an L-shape underlap (two at each edge).

The cam straps are placed at the front of the upper panel, at the furthest point from where they lay the gap.

Ensure that when the straps are tightened they pull the deck into the walls, leaving the system rigid and free from movement.

The overlaid panel must be supported by the underlap area by a minimum of 100mm.



Basic Installation Procedure - Hybrid Free-Standing

The Hybrid Free-Standing Decking System can be constructed by using the principles laid out in pages 16 to 19, in conjunction with the revolutionary Hybrid Decking Connector, which easily connects a standard scaffold tube (can be either 4.0mm or 3.2mm wall thickness), to the standard Base and Head unit. The round end of the connector snugly fits inside the tube, while the square end fits perfectly into the Base and Head Unit.

The foot of the system is completed by a standard scaffold base plate or a 4 tonne (minimum) adjustable scaffold base jack.



Leg & Bracing Arrangements

Hybrid Free Standing Decking Systems are stabilised using scaffolding tube of outside diameter 48.3mm, built into supporting piers.

Decking systems have been tested using a traditional "Chase the Brace" scaffold support pattern or alternatives, as shown below. Piers have been constructed using Q Clamp allen key type fittings, as well as standard scaffolding swivels and doubles.

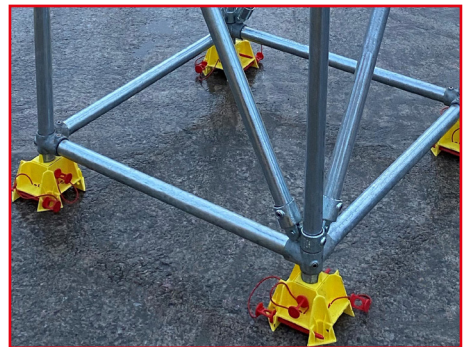
Whole systems can be constructed, simply and quickly, by following the manufacturer's guidelines with installation training and support being readily available, please contact your local depot for further details.

The Hybrid Free-Standing Decking System can be constructed using standard continuous scaffolding tube for supporting legs, or a combination of standard Altrad Hire & Sales plastic decking legs with any of the extension leg types, with steel scaffold supporting piers at periodic centres (please see page ## for further details on pier spacing), to give a truly flexible and adaptable system to fit any room type, or open construction area.

Note: Maximum scaffold tube length for legs is limited to 2439mm (8 ft), allowing a maximum platform level of 2750mm.



Hybrid Free-Standing Decking System pier arrangement, with steel scaffold tube as supporting legs.



All legs and braces are same length (2439mm max) - 8 number - while all horizontals when using Q Clamp fittings are 914mm (3 ft) - 4 number.

Leg & Bracing Arrangements



The image below shows the basic supporting system required using scaffold fittings, with 2439mm verticals and diagonal brace with the 1219mm horizontal ledger, which is a pattern repeated on a four sides of the pier.



The diagonal brace can be positioned to form either the traditional “Chase the Brace” arrangement, or can run in the directions shown previously.

Equipment required for each pier is as follows:

Q Clamp type fittings:

- 8 x 2439mm (max.) Steel Scaffold Tubes
- 4 x 914mm Steel Scaffold Tubes
- 4 x 3 Way Through fittings,
- 4 x 90° Corner Swivel fittings, or
- 8 x Single Swivels fittings
- 4 x Adjustable Base Jacks (max. extension 250mm).

Scaffold fittings:

- 8 x 2439mm (max.) Steel Scaffold Tubes
- 4 x 1219mm Steel Scaffold Tubes
- 8 x Right Angle (Double) couplers,
- 8 x Swivel Couplers, or
- 4 x Adjustable Base Jacks (max. extension 250mm).

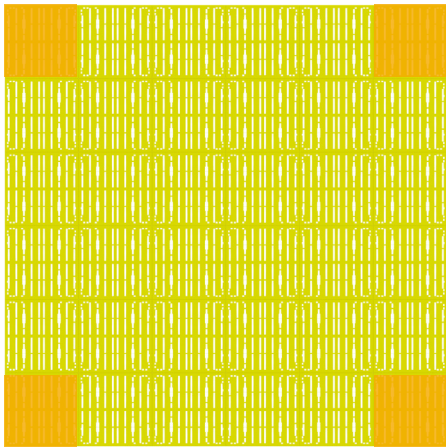
Note: All scaffold fittings must be EN 74-1 load bearing couplers.



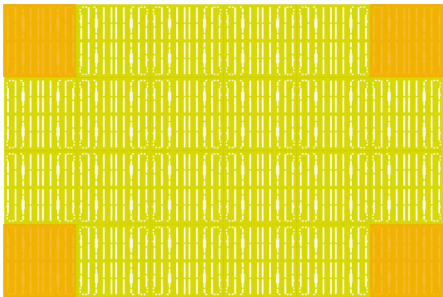
Pier Arrangement Plan Views

The Hybrid Free-Standing Decking System requires a supporting, fully braced pier, constructed from scaffold tube, placed at one bay in every 5.0m maximum in both directions. In addition, piers must be placed at each external corner of the structure, except in the case of a 2.0m wide section. In this case one pier must be placed under one corner in the 2.0m direction, with further supporting piers staggered in alternate rows, one pier in every 2.0m maximum.

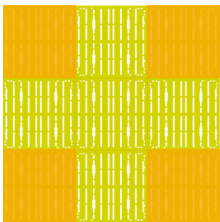
6m x 6m Grid Pattern



6m x 4m Grid Pattern

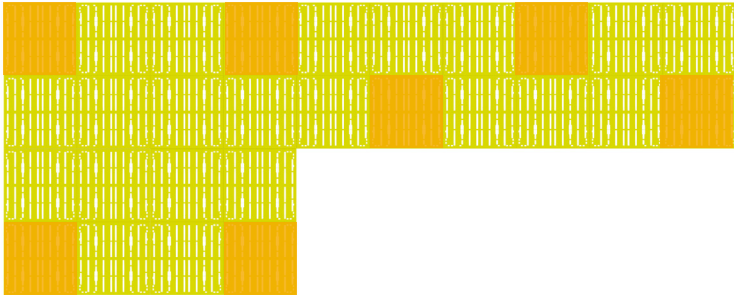


3m x 3m Grid Pattern



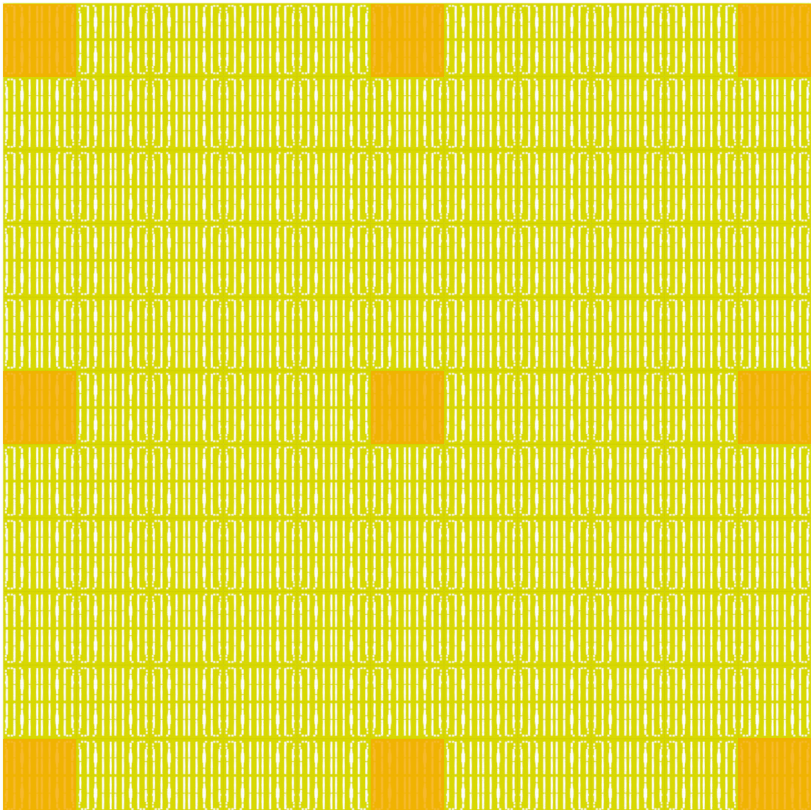
Support
Piers
Shown
Thus

4m x 4m & 6m x 2m Grid Pattern

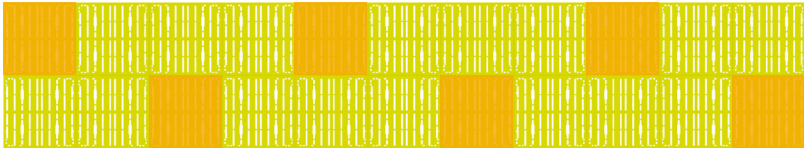


Pier Arrangement Plan Views

11m x 11m Grid Pattern



11m x 2m Grid Pattern



Edge Protection

Although the Hybrid Free Standing Safety Deck System may provide collective fall protection from other areas, it itself, by its very nature, may have open sides which require a form of collective edge protection and fall prevention.

Altrad Hire & Sales has two adaptable edge protection systems, which can be adapted to form the required fall prevention system, the All-In-One EdgeGuard System and the TRADGUARD Mesh Barrier System have both been proven to be suitable solutions for this application.

For further details on using these systems with the Safety Deck System, please contact your local Altrad Hire & Sales depot.



Basic Dismantling Procedure

Prior to commencing work, make sure all method statements, risk assessments and permits are in place.

Check that the Safety Deck is still in the properly erected condition. Make sure that all components have not been interfered with and all platforms are clear of any loose material and debris prior to dismantling.

- Check no legs have been removed.
- Check no panels have been removed.
- Check Deck has not been interfered with in anyway.
- Check all pins are still located in Decks and Legs.
- Check Legs are still vertical – (Allowance of 6 inches on 2 Planes).
- Check all Cam Straps are still in place (2 Per Panel).
- Check all components for damage before and during erection and after any heavy impact or repeated impact.
- Check the Deck is complete and stable.
- Check Adjustable Leg Pins and Clip (Adjustable Legs only).
- Ensure that each row is dismantled one at a time, with cam straps only released on the row which you are stripping.

Step 1

Start by removing the cam straps on the first row, then by take each panel down one at a time, ensure that the legs are always in a stable state.

Stack the panels in bundles of 25 high on the wooden pallets provided, tying them with the cam straps provided (as per image) if no banding materials are available.

Place the legs neatly in the decking leg pallet provided in stacks of 56 (as per image).



Basic Dismantling Procedure

Step 2

Now remove each panel in sequence, one row at a time, always ensuring that the legs are supported adequately while the panels are removed, then stacked neatly.

With the Hybrid System, remove the Hybrid Decking Connectors and adjustable base jacks from the tubular legs prior to stacking.

In addition, the piers need to be dismantled in sequence, with the bracing removed first, followed by the horizontal members one at a time, with the legs being adequately supported at all times prior to stacking.

Step 3

Repeat this process until the last row, where dismantling should take place toward the direction of a corner. One operative will take the system down one panel at a time as the second operative holds the system in place.

In the case of the hybrid system, dismantling will take place in the direction of the last pier.

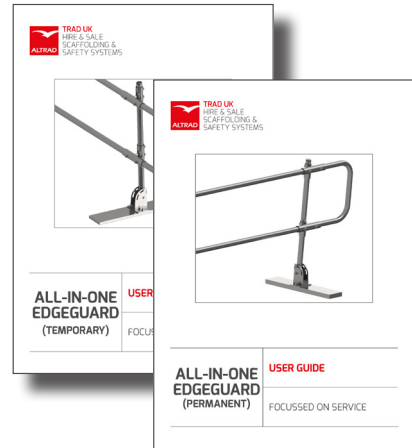


Other Products

All-In-One EdgeGuard

Altrad Hire & Sales is one of the UK's leading roof edge protection brands and the All-In-One EdgeGuard system is one of the most versatile, innovative designs we've ever produced. Flexible enough to adapt for temporary use and built to last for permanent use, this patent-pending system gives builders and building management teams a simple all-in-one solution.

We've applied our knowledge of UK Health and Safety regulations to ensure production meets all the Standards you rely on (BS EN 13374:2018 Class A and BS 13700:2021), whilst also reducing one of the common trip hazards found on temporary roof edge systems – a heavy counterweight on the feet. From the galvanised or optional powder-coated finish to the adaptable, minimal components, every detail has been considered to give it the edge.



Temporary Mesh Edge Protection

TRADGUARD Temporary Mesh Edge Protection is our highly versatile edge protection solution, compliant to EN 13374 Class A. The system is suitable for nearly all types of construction; including reinforced concrete, structural steel, timber frame and civil engineering applications. Since TRADGUARD's launch in 2014 it has been used on a number high profile projects across various sectors.

The core component of the system is the TRADGUARD Mesh Barrier. A mesh panel, 1.2m high, with an integral toe-board that provides complete edge protection. The standard size barrier is 2.6m long and weighs just 17.5kg per unit, making it one of the lightest and user friendly barriers on the market.



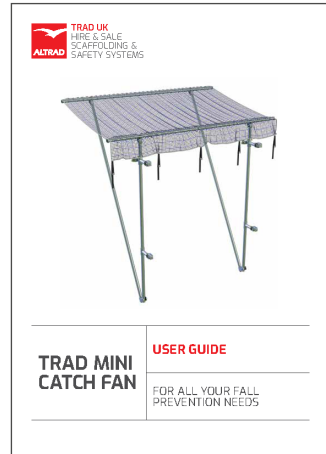
Other Products

Mini-Catch Fans

Mini Catch Fan from Altrad Hire & Sales is a unique system specifically tailored to the scaffolding sector. Altrad Hire & Sales Mini Catch Fan offers significantly increased protection in the containment of falling objects over a traditional fan during the erection/ dismantling of a scaffold.

The system catches falling objects rather than deflect them back into the building. Furthermore the fan can be raised up the building so you can keep the protection as close as possible to the working area.

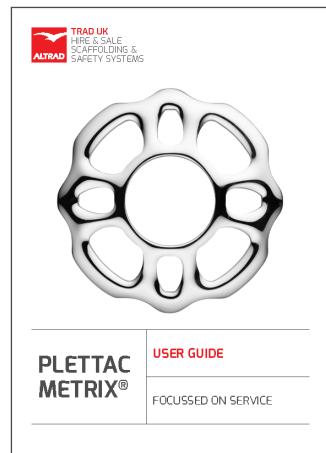
Unlike other safety net fans, Altrad Hire & Sales Mini Catch Fan does NOT require a crane for installation or to move it. This is all done manually. Additionally the Altrad Hire & Sales Mini Catch Fan connects to the scaffold ledger rather than the standards. This means no adaptations are required to the scaffold to make it fit.



Plettac METRIX

PLETTAC METRIX is a revolutionary rosette system with some significant advantages over other ring based systems, such as its unique divisibility of horizontal components. This concept allows the use of extra vertical members within the bay length or width, for ease of adaptability.

PLETTAC METRIX also has an optional Permanent Advanced Guardrail which is installed from the safety of the lift below. The guardrail gives collective protection rather than personal, complying fully with SG4 and Work at Height regulations.



Notes



 Find Your Nearest Branch:

Simply scan the QR code and input your postcode by clicking on 'Find your local branch', our website will then show the nearest branch to your location.



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