ALTRAD
GENERATION
HIRE & SALE

SYSTEM SCAFFOLD

PRODUCT GUIDE

IRELAND

2025/26

Altrad Generation Hire & Sale

Support for Construction & Industry

Altrad Generation is Ireland's leading supplier of: Scaffolding, Temporary Fencing, Light Access, Edge Protection, Safety Decking, Formwork, Falsework, 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.

Contents

System Scaffold

Extendable Intermediate Transom

A unique solution for the creation of boarded platforms within traditional tube and fitting scaffolds. Altrad Generation Extendable Intermediate Transoms combines three loose components into one easy to assemble item that is suitable for use with traditional tube and fittings, and with Readylok transoms.

Extendable Intermediate Transoms are suitable for the following scaffold types:

- Facade Access
- Inspection
- Lightweight & Medium
- Heavy Duty Scaffolds
- 1, 2, 3 inside boards loaded
- 4 or 5 board wide scaffolds

Code	Description	Weight
CUP008	Extendable Intermediate Transom 866mm (4+3)	9.00kg
591049	Extendable Intermediate Transom 1098mm (5+3)	9.90kg
CUP005	Extendable Transom 1.3m (5+3) Genlok with Stub	9.90kg

Extendable Hop-Up Bracket

Altrad Generation Extendable Hop Bracket complements tube and fittings and Readylok Transoms. The bracket allows a two or three inside intermediate board platform to be constructed, also allowing the benefits of the speed of adaptation of the intermediate inside platform thus saving labour.

2 + 1 Extendable Hop-Up Bracket

Code	Description	Weight
CUP009	Extendable Hop-Up Bracket	6.55kg

BRIO - Modular Scaffolding

Features:

BRIO Modular Scaffolding covers the different configurations and applications required in the construction industry.

Used as a workplace, protection, access or support, for newbuilds and restoration work.

It is a profitable system that can be used in all kinds of fields, such as construction, industry, energy, navy or leisure and entertainment.

The effective galvanized steel design ensures fast, simple and intuitive assembly, with high load-bearing capacity. It makes the scaffolding highly rigid and stable.

- BRIO is certified according to European standards EN 12810-1/2 and EN 12811-1/2/3.
- Based on vertical standards with nodes every 50 cm that house the various components.
- Usual façade scaffolding widths: 0.7 and 1.02, with 2 m in height between platforms.
- Modules of: 0.35; 0.7; 1.02; 1.5; 2; 2.5 and 3 m in width.
- Class 4, 5 or 6 platforms according to EN 12810-1/2 and EN 12811-1/2/3.

Quick & Easy Assembly

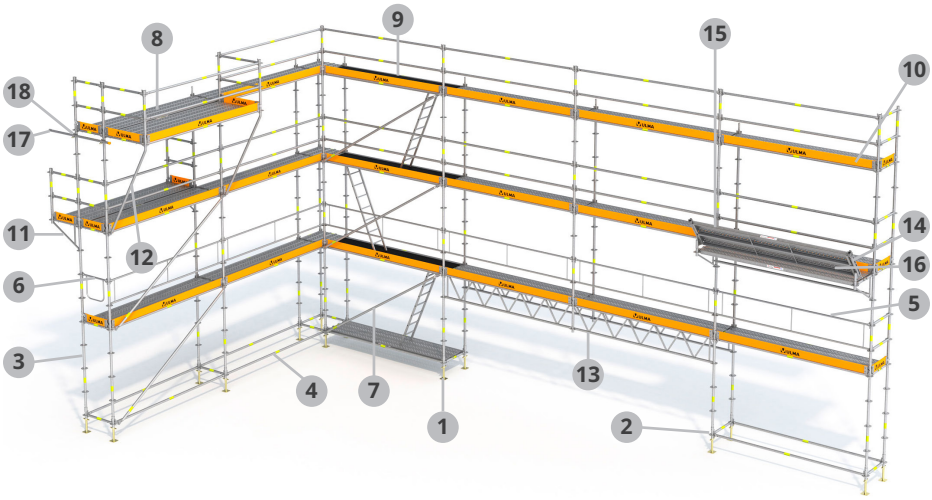
1. Hook in the horizontal ledger

2. Insert the wedge

3. Fix the wedge

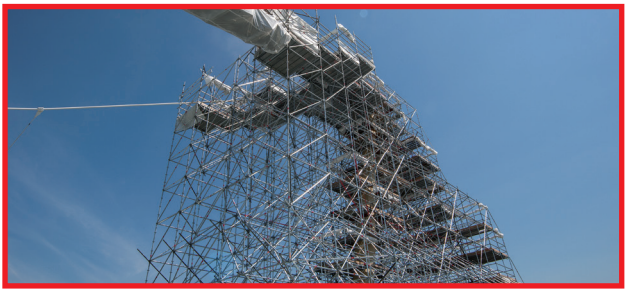
4. Stand and ledger are joined

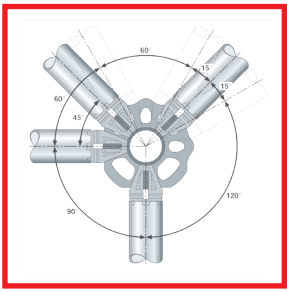
BRIO - Modular Scaffolding



1. Screw Jack w. Plate
2. Tube w. Node
3. Verticle Stand
4. Ledger
5. Handrail
6. Corner Guardrail
7. Diagonal Brace
8. Platform
9. Trapdoor Platform
10. Toeboard
11. Console
12. Cantilever
13. Bridging Beam
14. Cover Shield
15. Shield Ledger
16. Sheet
17. Tie
18. Right Angle Coupler

Futuro Ring System Scaffold





The Altrad group have been manufacturing the Futuro Ring System for over 20 years, with German engineering to the highest standards this hot dipped galvanised system meets with European standards EN12810 and EN12811-1.

Audited by the NASC, Futuro meets or exceeds the criteria to satisfy the code of practice for proprietary system scaffolds within Ireland. Futuro is the ideal choice for domestic/ commercial / industrial and civil applications.

Due to the eight available connection points per optimised disc, the flexibility of this system with its in-built loading class capability and high point loading capacities makes Futuro capable of dealing with all aspects of the construction and infrastructure markets.

Utilising the galvanised steel perforated decks along with drop forged claws and integrated deck retainers the Futuro Ring System offers a range of up to eight bay lengths, this enables maximum accuracy on virtually any project.

Along with a possible saving of up to 60% on erection time against traditional tube and fitting and significant reduction in the manual handling of quantities and weights, the tubular support system benefits from using various components for multiple tasks giving a further reduction in components required on site.

Please Note:
Altrad Futuro Ring System (Tubular Support) is available for hire & sale within Ireland.
Altrad Futuro U-System (U Support) is available on a sale only basis.
Please contact your nearest Altrad Generation branch for further information and availability.

Futuro Ring System Scaffold supplied by Generation UK Ltd has been audited by the NASC and has met the criteria to satisfy the NASC Code of Practice for proprietary System Scaffold Systems.

Futuro Ring System Scaffold has been independently tested and has met or exceeded the criteria for Quality, Technical Specification and Compliance to BS EN 12810 and BS EN 12811.

NASC
National Access & Scaffolding Confederation

Futuro Ring System Scaffold

Over 60% Quicker to Erect

Advanced technology; self-securing assembly eliminates the need for bolting; automatic right angles and few basic components make the erection of Futuro over 60% quicker than traditional tube and fittings. The system scaffold creates a simple, logical assembly sequence and permits the use of semi-skilled workers. By levelling the base lift you will not be required to level any further lifts. When compared to tube and fitting, whereby every time a component is added the scaffolder has to level a further 6 times. Futuro allows the same labour to erect up to 2.5 times more projects.

Over 28% Lighter

The reduction in material weight in comparison to tube and fittings allows for faster assembly and less fatigue.

100% Versatile

A few basic components - standard, ledger diagonal brace and deck - form the basis for limitless use. Altrad Generation also stock an extensive range of Futuro components to cater for a scaffolders every use.

100% Flexible

The use of the small connection gaps for connecting horizontals allows a 90° angle to be created between them. The larger gaps allow angles between 30° and 60° allowing practically any angle to be set and shape around any construction, even in areas where access is restricted.

60% Less Losses

Hot-dipped galvanised steel components and the flat shape of the connection plate means no motar, dirt, ice, grit, blasting debris etc. can accumulate ultimately allowing for a maintenance free operation.

Simpler Storage

As well as the advantages during assembly and its high reserves of safety, the shape of the socket plates also has storage benefits. The stacked volume of the standards is about 5% smaller than other ring scaffolds and has a higher resistance to plates rolling away therefore, reducing the number of losses and potential accidents.

Quality and Safety

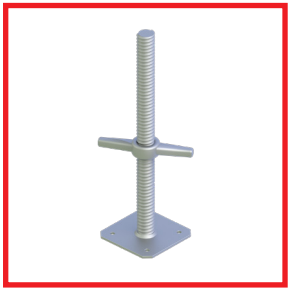
High quality standards characterise the whole modular system. In-house inspection, third party supervision and the requirements of DIN EN ISO 9001, latest standard, guarantee best performance. The relevant regulations and generally recognised codes of practice must always be observed. In particular:

- The British approval BS EN12810 and BS EN12811-1
- Industrial safety regulations as well as further regulations

One System - Two Approvals

Futuro is the innovative modular scaffolding system with two approvals from the German Institut für Bautechnik, Berlin. The approval Z-8.22-841 commits the erection of the exclusive modular scaffold Futuro; the approval Z-8.22.855 regulates the erection with elements approved by Z-8.22-64. Futuro is approved in several European countries and meets all requirements of BS EN 12810.

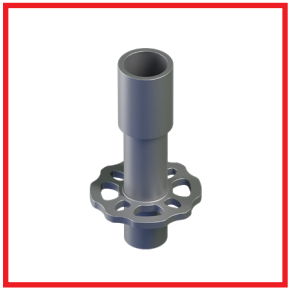
Futuro Ring System Scaffold



6 Ton Adjustable Base Jacks

Used at the base of the scaffolding for the levelling of the kicker lift in conjunction with the starting collar.

Code	Description	Weight
207005	6 Ton Base Jack	4.70kg
207200	6 Ton Swivel Base Jack	4.30kg



230mm Starting Collar

Used for the ease of basing out a scaffolding once placed onto the jack, this item can also be used in conjunction with twin headed hop up brackets for standard location points amongst other uses.

Code	Description	Weight
591007	230mm Starting Collar	1.60kg

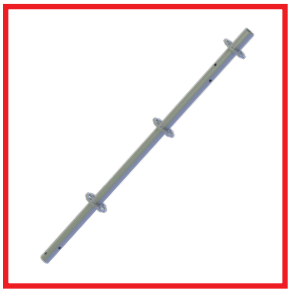
Vertical Standard with fixed spigot

48.3mm x 3.2mm galvanised steel tube with 8 hole connecting discs at 0.5m centres along the total length. The small openings on the connecting disc are predominantly used for ledgers & transom locations with the larger openings being used for splayed scaffolding and vertical braces.

Standards with the option of a bolted spigot are also available upon request.

Code	Description	Weight
591000	0.5m Standard (1 x Disc)	3.20kg
591001	1.0m Standard (2 x Disc)	5.40kg
591002	1.5m Standard (3 x Disc)	7.70kg
591003	2.0m Standard (4 x Disc)	9.90kg
591005	3.0m Standard (6 x Disc)	14.40kg
591006	4.0m Standard (8 x Disc)	18.80kg

Futuro Ring System Scaffold



Vertical Open-Ended Standard

48.3mm x 3.2mm galvanised steel tube with 8 hole connecting discs at 0.5m centres along the total length.

The small openings on the connecting disc are predominantly used for ledgers & transom locations with the larger openings being used for splayed scaffolding and vertical braces.

Code	Description	Weight
591021	0.5m Open Ended Standard (1 x Disc)	2.20kg
591022	1.0m Open Ended Standard (2 x Disc)	4.50kg
591023	1.5m Open Ended standard (3 x Disc)	6.70kg
591024	2.0m Open Ended standard (4 x Disc)	8.90kg
591025	2.5m Open Ended standard (5 x Disc)	11.20kg
591026	3.0m Open Ended Standard (6 x Disc)	13.40kg

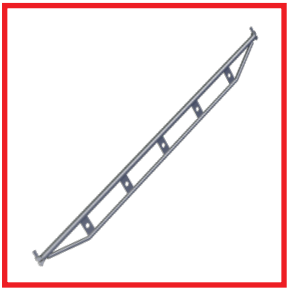
O Ledger / Transom

48.3mm x 3.2mm galvanised steel tube manufactured in a series of lengths from 0.15m - 3.07m, this component is used as a ledger / transom & guardrail.

Lengths up to 1.40m are used as deck supporting transoms due to the tubular nature of the Futuro 'O' system.

Code	Description	Weight
595148	0.15m Ledger / Double Wedge Head	1.10kg
591439	0.39m Ledger / Guardrail	1.80kg
591030	0.42m Ledger / Transom	2.00kg
591031	0.73m Ledger / Transom	3.00kg
591033	1.09m Ledger / Transom	4.10kg
591035	1.40m Ledger / Transom	5.40kg
591037	1.57m Ledger / Transom	5.60kg
591038	2.07m Ledger	7.20kg
591039	2.57m Ledger	8.80kg
591040	3.07m Ledger	10.30kg

Futuro Ring System Scaffold



Double Ledger / Transom (DBL) 210mm Height

This component is used when greater loadings are required or when system decks are to be supported over longer spans. Ideally used when erecting crash decks or creating cantilevered scaffolds.

Code	Description	Weight
591050	1.40m Double Ledger	8.90kg
591043	1.57m Double Ledger	9.90kg
591045	2.07m Double Ledger	13.10kg
591046	2.57m Double Ledger	16.20kg
591047	3.07m Double Ledger	19.40kg

Double Ledger / Transom (DBL) 105mm Height

With a reduced height giving greater head clearance this component is used when greater loadings are required or when system decks are to be supported over longer spans. Ideally used when erecting crash decks or creating cantilevered scaffolds.

Code	Description	Weight
595195	1.40m Double Ledger	9.20kg
595196	2.07m Double Ledger	13.70kg
595197	2.57m Double Ledger	17.20kg

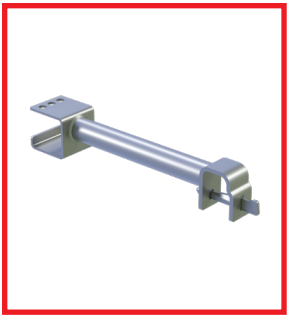
Futuro Ring System Scaffold

Ledger to Ledger Intermediate Transom

The intermediate transom enables the splitting of a bay in order to create an opening between decked platforms, this component locates over the ledgers between each set of standards.

This item is also used for the supporting of Timber scaffolding boards when system decks are not used.

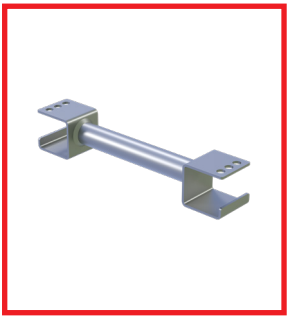
Code	Description	Weight
591049	1.09m Intermediate Transom	5.10kg
591415	1.40m Intermediate Transom	6.20kg
591051	1.57m Intermediate Transom	6.80kg
591559	2.07m Intermediate Transom	10.30kg
591416	2.57m Intermediate Transom	12.50kg
591560	3.07m Intermediate Transom	15.00kg



Ledger to Deck Intermediate Transom

The ledger to deck transom allows for the creation of an opening to the side of a decked platform with one side connecting over the scaffolding ledger and the other side being connected to a steel deck. This item is often used when creating an opening for traditional ladder points through decked platforms.

Code	Description	Weight
591531	1 Deck Support Ledger to Deck Transom	2.70kg
591532	2 Deck Support Ledger to Deck Transom	3.80kg
591533	3 Deck Support Ledger to Deck Transom	5.00kg



Deck to Deck Intermediate Transom

The deck to deck transom allows for the creation of an opening in the middle of a decked platform with both ends of the transom being connected to a steel deck. Ideally used for creating openings in decked platforms for pipe work and construction support beams.

Code	Description	Weight
591535	1 Deck Support Deck to Deck Transom	2.30kg
591536	2 Deck Support Deck to Deck Transom	3.40kg
591537	3 Deck Support Deck to Deck Transom	4.50kg

Futuro Ring System Scaffold

Vertical Brace

48.3mm x 2.7mm galvanised steel tube with a swivel wedge fitting to either end, sometimes referred to as a face brace. Available to fit all bay lengths with up to 4 different height sizes.

Designed to reinforce a scaffolding structure vertically, this item can also be used for supporting scaffolding fans and the erection of cantilevered scaffolds.

Code	Description	Weight
591090	0.5m H x 2.07m L Vertical Brace	7.80kg
591089	1.0m H x 1.09m L Vertical Brace	6.00kg
591550	1.0m H x 1.40m L Vertical Brace	6.80kg
591084	1.0m H x 1.57m L Vertical Brace	7.10kg
591085	1.0m H x 2.07m L Vertical Brace	8.40kg
591086	1.0m H x 2.57m L Vertical Brace	9.80kg
591087	1.0m H x 3.07m L Vertical Brace	11.20kg
591078	1.5m H x 1.57m L Vertical Brace	8.10kg
591079	1.5m H x 2.07m L Vertical Brace	9.20kg
591080	1.5m H x 2.57m L Vertical Brace	10.50kg
591081	1.5m H x 3.07m L Vertical Brace	11.80kg
591071	2.0m H x 0.73m L Vertical Brace	8.20kg
591072	2.0m H x 1.09m L Vertical Brace	8.50kg
591073	2.0m H x 1.40m L Vertical Brace	9.00kg
591074	2.0m H x 1.57m L Vertical Brace	9.30kg
591075	2.0m H x 2.07m L Vertical Brace	10.30kg
591076	2.0m H x 2.57m L Vertical Brace	11.40kg
591077	2.0m H x 3.07m L Vertical Brace	12.60kg

Futuro Ring System Scaffold

Horizontal Brace (Non-Square Bay with Angled Wedge Head)

48.3mm x 3.2mm galvanised steel tube with fixed angled wedge heads to either end, used to create rigidity in the horizontal plane when decks are not required.

Also used for the basing out as this item aligns the scaffolding structure at right angles so that the bays are square.

Code	Description	Weight
591096	2.57m x 1.09m Horizontal Brace	9.60kg
591100	3.07m x 1.09m Horizontal Brace	11.10kg
591540	3.07m x 1.40m Horizontal Brace	11.40kg

Plan Brace (Square Bay with Std in-Line Wedge Head)

48.3mm x 3.2mm Galvanised Steel Tube with fixed wedge heads to either end, used to create rigidity in the horizontal plane when decks are not required.

Also used for the basing out as this item aligns the scaffolding structure at right angles so that the bays are square.

Code	Description	Weight
591106	2.57m x 2.57m Plan Brace	12.20kg

Futuro Ring System Scaffold

320mm O System Ledger Deck (Standard Deck)

A high load bearing steel perforated deck, fully galvanised with drop forged connecting claws to fit 48.3mm diameter scaffolding tube. Integrated anti-lift & anti-tilt devices with a minimum 5kN/m² working load capacity.

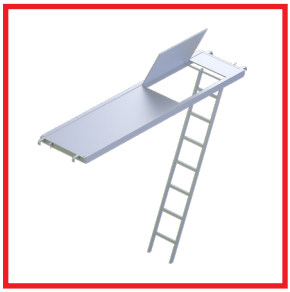
Code	Description	Weight
591107	0.73m x 320mm Steel Deck (class 6)	7.20kg
591108	1.09m x 320mm Steel Deck (class 6)	9.30kg
591109	1.40m x 320mm Steel Deck (class 6)	11.20kg
591110	1.57m x 320mm Steel Deck (class 6)	12.30kg
591111	2.07m x 320mm Steel Deck (class 6)	15.30kg
591112	2.57m x 320mm Steel Deck (class 5)	18.30kg
591113	3.07m x 320mm Steel Deck (class 4)	21.30kg

190mm O System Ledger Deck (Skinny Deck)

A high load bearing steel perforated deck, fully galvanised with drop forged connecting claws to fit 48.3mm diameter scaffolding tube. Integrated anti-lift & anti-tilt devices with a minimum 5kN/m² working load capacity.

Code	Description	Weight
591186	0.73m x 190mm Steel Deck (class 6)	4.80kg
591114	1.09m x 190mm Steel Deck (class 6)	7.30kg
591139	1.40m x 190mm Steel Deck (class 6)	8.70kg
591115	1.57m x 190mm Steel Deck (class 6)	9.50kg
591116	2.07m x 190mm Steel Deck (class 6)	11.70kg
591117	2.57m x 190mm Steel Deck (class 5)	14.10kg
591118	3.07m x 190mm Steel Deck (class 4)	16.40kg

Futuro Ring System Scaffold



Alloy Ladder Deck

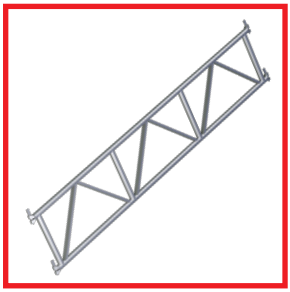
Full aluminium frame & deck with drop forged connecting claws to fit 48.3mm diameter scaffolding tube, complete with fully integrated drop-down ladder, 640mm wide platform will replace 2 x 320mm Steel decks.

Code	Description	Weight
591119	2.57m x 640mm Alloy Ladder Deck	29.60kg
591120	3.07m x 640mm Alloy Ladder Deck	33.30kg

Corner Infill Deck

A galvanised steel deck that works in conjunction with the Hop-Up Bracket at a 90° internal or external corner.

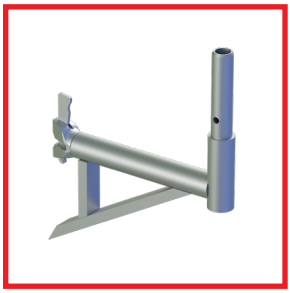
Code	Description	Weight
591351	1 Board Corner Infill Deck	5.70kg
591352	2 Board Corner Infill Deck	12.30kg



O System 4 Wedge Head Steel Lattice Beam

Used for bridging clear spans of up to 6.14m between two sets of standards. Commonly used on system loading bays or when cantilevering out from buildings.

Code	Description	Weight
591571	2.57m x 0.5m Steel Lattice Beam 4 HD	29.70kg
595150	3.07m x 0.5m Steel Lattice Beam 4 HD	37.10kg
595135	4.14m x 0.5m Steel Lattice Beam 4 HD	49.20kg
595153	6.14m x 0.5m Steel Lattice Beam 4 HD	69.10kg

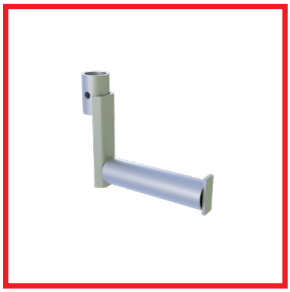


0.39m & 0.73m Hop Up Bracket with Spigot

Used to extend the depth of a scaffold by 1 x 320mm deck / 2 x 320mm deck. If required the spigot will then allow for the fitting of a 1m standard with 2 x 0.39m / 0.73m guardrails.

Code	Description	Weight
591179	0.39m Hop Up Bracket with Spigot	3.90kg
591420	0.73m Hop Up Bracket with Spigot	5.90kg

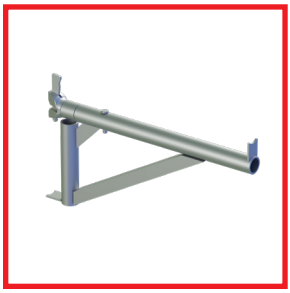
Futuro Ring System Scaffold



Hop Up Extension Bracket (190mm)

Used in conjunction with the 0.39m / 0.73m hop up bracket with spigot. The bracket slots down over the hop up bracket spigot allowing for a 190mm deck extension to be added.

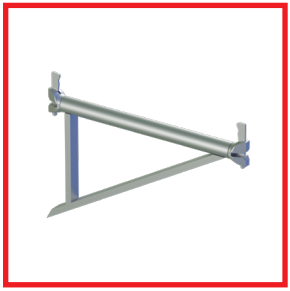
Code	Description	Weight
591177	190mm Hop Up Extension Bracket	0.85kg



Variable Hop Up Bracket (1 & 2 Deck)

Used to extend the depth of a scaffold, the variable hop-up bracket can be used as a 1 x 320mm deck or a 2 x 320mm deck support. By removing the wedge head and re-inserting in the opposite direction the bracket can very easily be adapted to do the job of two separate components.

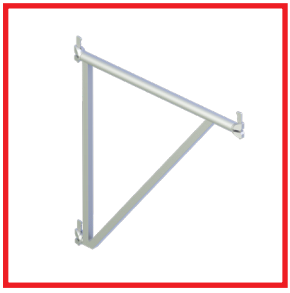
Code	Description	Weight
591182	Variable Hop Up Bracket 1 & 2 Deck	5.60kg



0.73m Double Wedge Head Hop Up Bracket

Used to extend the depth of a scaffold by 2 x 320mm decks, due to having a double wedge head this item can also be used as a ledger / transom or an alloy stair flight support.

Code	Description	Weight
591181	0.73m Hop Up Bracket 2 HD	4.90kg



1.09m Cantilever Bracket

Used to extend the depth or length of a scaffold by 3 x 320mm decks, with 3 wedge heads this bracket is attached to the standards at two points with the third wedge head allowing for starting collars or vertical standards to be attached.

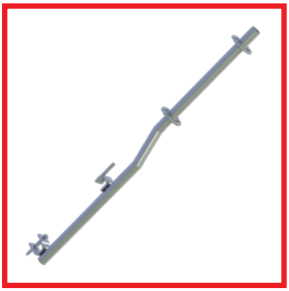
Code	Description	Weight
591180	1.09m Cantilever Bracket with 3 HD	9.70kg

Futuro Ring System Scaffold

Timber Toe Board

150mm high Timber Toe Board with galvanised steel fixing plates to either end.

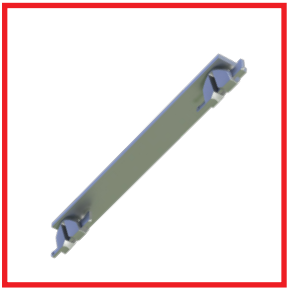
Code	Description	Weight
591149	0.42m x 150mm Timber Toe Board	0.90kg
591150	0.73m x 150mm Timber Toe Board	1.60kg
591151	1.09m x 150mm Timber Toe Board	2.30kg
591152	1.40m x 150mm Timber Toe Board	2.80kg
591153	1.57m x 150mm Timber Toe Board	3.10kg
591154	2.07m x 150mm Timber Toe Board	4.10kg
591155	2.57m x 150mm Timber Toe Board	5.00kg
591156	3.07m x 150mm Timber Toe Board	5.90kg



Guardrail Post Off-Set

Used to create access points mid bay, a second ledger must be installed below the decked lift so that the post can be attached at two points. This will enable the fitting of double guardrails and a ladder safety gate.

Code	Description	Weight
591167	Guardrail Post / Ladder Gate Post Off-set	8.10kg

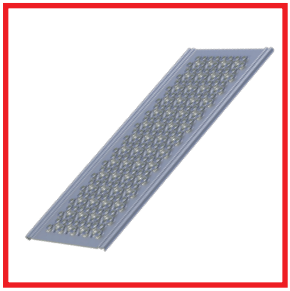


Suspended Scaffold Connector

The Suspended Scaffold Connector is designed for bridging the connection of two standards, always used in pairs this component is ideally used when a scaffolding structure is to be suspended or craned into position. This fitting creates a positive connection to the discs either side of the joint in order to combat the tension that will be placed upon it.

Code	Description	Weight
591029	Scaffold Connector 500mm	3.00kg

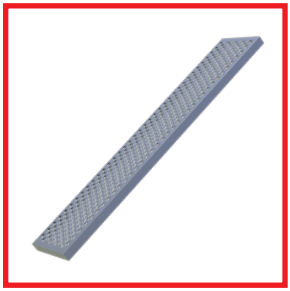
Futuro Ring System Scaffold



Steel Gap Cover Plate

A perforated 320mm x 12.5mm steel plate for bridging gaps between decks of up to 140mm, this plate is held in place with the aid of over-sized plastic screw plugs.

Code	Description	Weight
595157	0.73m x 320mm Gap Cover Plate	2.40kg
595158	1.09m x 320mm Gap Cover Plate	3.40kg
595159	1.57m x 320mm Gap Cover Plate	5.40kg
595160	2.07m x 320mm Gap Cover Plate	7.40kg
595161	2.57m x 320mm Gap Cover Plate	9.40kg
595162	3.07m x 320mm Gap Cover Plate	11.40kg

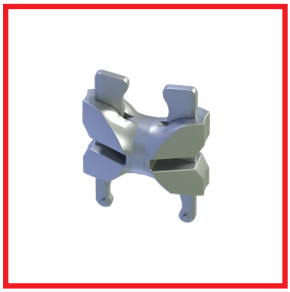


Steel Gap Cover Deck

A perforated 320mm x 25mm steel deck for bridging gaps between decks, this plate is held in place with the aid of over-sized plastic screw plugs.

Code	Description	Weight
595166	1.09m x 320mm Gap Cover Deck	6.44kg

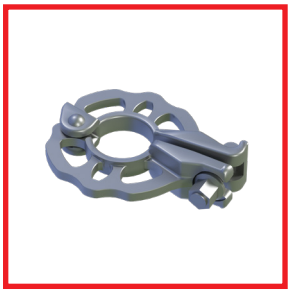
Futuro Ring System Scaffold



0.15m Ledger / Double Wedge Head Fitting

Used for connecting standards together for double legged scaffolding or off setting standards in order to avoid obstructions when erecting, giving a centre to centre of standard measurement of 154mm.

Code	Description	Weight
595148	0.15m Ledger / Double Wedge Head	1.10kg



Clampable Disc Coupler Fitting (22mm)

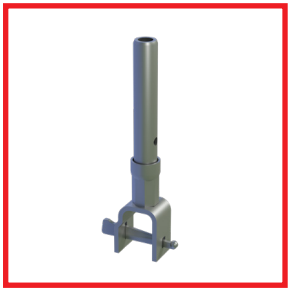
This fitting allows for the connection of up to six ledgers or braces at any point along a Futuro standard.

Code	Description	Weight
591440	Clampable Disc Coupler Fitting	1.10kg

Support Spigot with Fitting (22mm)

A 300mm spigot with half coupler fitting, generally used when attached to a lattice beam or ledger to allow for the connection of a standard at any chosen point.

Code	Description	Weight
591220	300mm Support Spigot with Fitting	1.60kg



Support Spigot with Wedge

A 300mm spigot with a wedge connection, this spigot is used to fix a standard to a steel lattice beam at pre-determined positions that are located along the top cord of the beam. Due to the wedge fitting locating through the top cord of the beam the standards are un-able to swivel at the joint.

Code	Description	Weight
591222	300mm Support Spigot with Wedge	2.10kg

Futuro Ring System Scaffold

Threaded Spindle with Fitting (22mm)

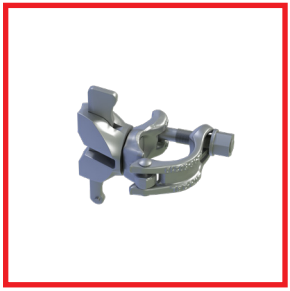
A 500mm adjustable spindle that enables the levelling of standards when working from un-even starting points.

Code	Description	Weight
591318	500mm Threaded Spindle with Fitting	2.90kg

Toe Board Bracket

This fitting is attached to the standards and hooked over the toe board to enable a more permanent and secure fixing connection.

Code	Description	Weight
591430	Toe Board Bracket Fitting	1.20kg



Wedge with Swivel Fitting (22mm)

Used for attaching traditional scaffold tube to the disc of the standard, allows the conversion of scaffolding tube into vertical braces or the tying-in of standards to ledgers on fly past returns.

Code	Description	Weight
591301	Wedge with Swivel Fitting	1.20kg

Distance Coupler Fitting (22mm)

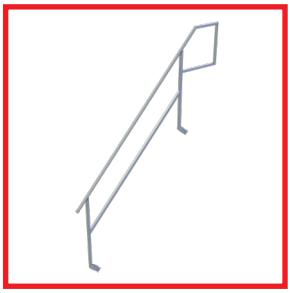
Used for attaching two standards together with a distance of 85mm. This fitting allows the indents of the discs on the standard to sit tight up against the other standard, with the discs being positioned at different heights.

Code	Description	Weight
591291	Distance Coupler Fitting	1.40kg

Aluminium Staircase Unit

Complete with upper and lower landings, drop forged connecting claws to fit 48.3mm diameter scaffolding tube. This 640mm wide staircase has a loading capacity of 2kM/m².

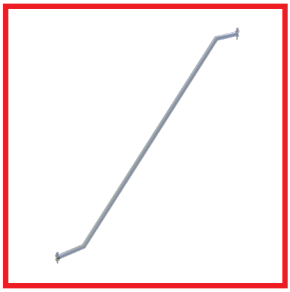
Code	Description	Weight
591255	1.00m x 640mm Alloy Staircase	13.70kg
591256	2.57m x 640mm Alloy Staircase	30.00kg
591258	3.07m x 640mm Alloy Staircase	35.00kg



Stair Head Guardrail (Double)

This guard rail frame is attached to the inside stringer of the top flight of stairs to create a safe fixed exit route.

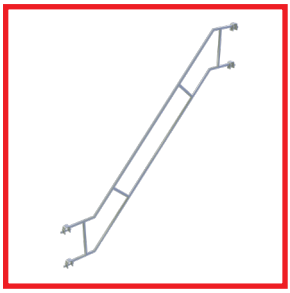
Code	Description	Weight
591281	Stair Head Guardrail Frame	14.70kg



Stair Outer Guardrail (Single Rail Option)

Two guardrails are required per staircase unit, these are fixed top and bottom to the discs of the outside standards.

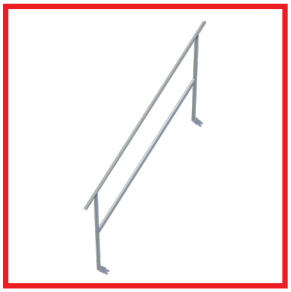
Code	Description	Weight
591269	3.07m x 2m Single Outer Guardrail	13.40kg



Stair Outer Guardrail Frame (Double Rail Option)

One guardrail frame is required per staircase unit, this is attached over the landing handrails top and bottom.

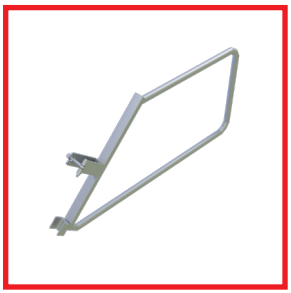
Code	Description	Weight
591270	2.57m x 2.00m Double Outer Guardrail	22.80kg
591271	3.07m x 2.00m Double Outer Guardrail	25.10kg



Stair Inner Guardrail (Double)

This guard rail frame is attached to the inside stringer of each staircase unit.

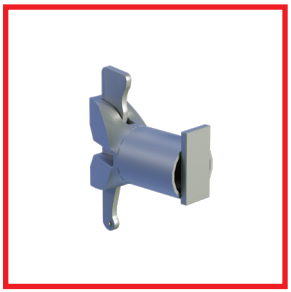
Code	Description	Weight
591283	Inner Guardrail 2.57m & 3.07m x 2.00m	14.80kg



Stair Well Guardrail Frame

This guardrail frame can be attached to the underside of a alloy staircase unit to close off the void below.

Code	Description	Weight
595184	Stair well Guardrail Frame	4.60kg



Staircase Guardrail Adaptor

Used in pairs and attached to the outer standard of the stair tower to enable the fitting of the stair outer guardrail frame.

Code	Description	Weight
591568	Staircase Guardrail Adaptor	0.95kg

Futuro Ring System Scaffold

Loading Platforms

A loading tower is a reinforced scaffolding structure for the loading and storage of material and equipment whose weight would exceed the safe working load of the access scaffold to which it is connected (TG20).

Loading towers must always be designed by a competent scaffolding engineer and erected In accordance with the design and client requirements.

Altrad Generation offer a number of loading tower solutions depending upon site requirements and designer specifications.

Futuro Tower Loading Options ~

Loading towers requiring greater capacity can be designed upon request.

6kM/m^2

8kM/m^2

10kM/m^2

15kM/m^2

Futuro Tower Dimension Options ~

2.57m x 2.07m

2.57m x 2.57m

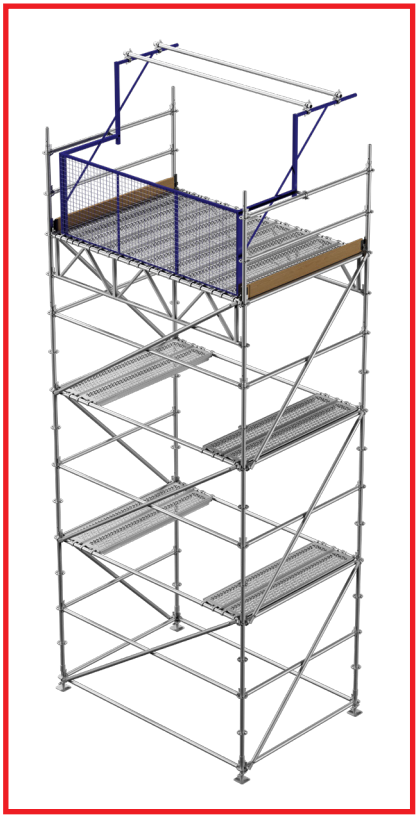
3.07m x 2.07m

3.07m x 2.45m

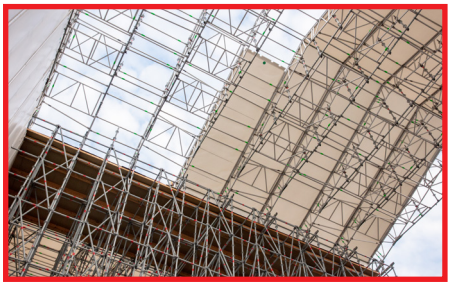
4.14m x 2.07m

4.14m x 4.14m

Please Note ~ The loading tower options above are standard weights and dimensions for more information regarding loading tower options please contact your local Altrad Generation branch.



UNI Roof Temporary Roofing System



The UNI Roof Roofing System is designed for use on short to medium term temporary roofing contracts during which it will be exposed to mild or moderate weather conditions.

Using a custom made range of aluminium unit beams the roof can be erected in either mono or duo pitch configurations. If required, the system covering can be used on any type of beam.

Versatile

- Fully modular roofing system in a range of sizes, will fit any project.
- Fits on any scaffolding system or tube and fittings, maximum on-site flexibility and stock utilisation.
- Multi-function beams with separate tracking use beams for other purposes when roof is idle.
- Mono or duo-pitch roof configurations
- From a simple roof covering to fully modular
  roofing system in a range of sizes will fit any project.
- Sheets can be terminated at any track joint, allows split or staggered bays and copes with over length roof beams.
- Individual bays easily opened, allows access for craned materials.
- Can be rail-mounted on steel rollers, whole sections of building can be uncovered.
- The roof bay sizes are identical to the Futuro Scaffold System for a very easy method of complete encapsulation to give a seamless integration that eliminates complicated load paths and provides a clean structural solution utilising standard components.

Safe

- Durable PVC sheeting firmly secured in Keder tracking, safe erection from below.
- Lightweight aluminium beams and bracing, erect in situ or at height without the need for craneage.
- Superior strength and durability, proven even in the worst weather conditions.

Simple

- Minimal number of different parts, simple logical assembly and easy stocking.
- Unique connection technology for tracking requires no couplers or pins, tracks slide into position, simple, safe and quick assembly in situ.
- Loose components eliminated, all parts snap together without bolts.

High Performance

- Clear spans up to 60m (65m with extra design measures), exceeds most competitors.
- Unique rubber seal between tracks, seals and locates perfectly while allowing gap between tracks for sheeting termination.
- Special spring-loaded track tensioners keep roof perfectly weatherproof at all times.
- Compact ridge beam, allows tailored roof profile and reduced scaffold mass 18 degree pitch, efficient water dispersal and no ponding.

Installation

For information on installation refer to the UNI Roof User Guide or alternatively watch our UNI Roof installation videos on Youtube by searching Altrad Generation.

Or Visit: **https://genuk.ltd/youtube**

YouTube

UNI Roof Temporary Roofing System

The use of innovative intermediate roller brace coupler makes split bays very easy to achieve together with the deeply-shrouded track spigot; this has previously been difficult if not impossible with Keder-style roof coverings.

By positioning the coupler at the end of a track section and easing open the joint, the Keder sheet on one side can be brought out of the track and terminated while retaining perfect weather-proofing. The coupler provides a housing for the roller brace, so ensuring easy sheet feeding and tensioning.

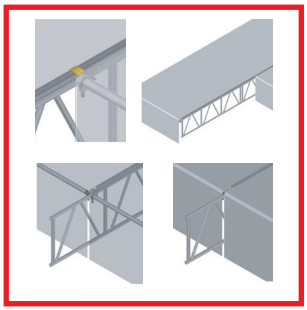
The intermediate roller brace coupler also accommodates over length beams, so that existing stocks of beams can be fully utilised. In this case the coupler is used with its built-in-track stop to retain the track sections, thereby maintaining weather resistance at the joints. This feature also allows sheeting to be pulled down the face of the supporting scaffold without excessive overhangs at the eaves. Sheeting installation is easier, as this may be done from the scaffold without the need for a special cantilever erection platform to be constructed.

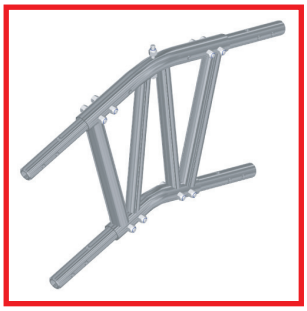
The system shows another side to its versatility when complete bays are removed to allow craning of bulky materials through the roof covering.

Only one-in-five bays are fully-braced on a typical roof, the other bays being infills using only horizontal braces. In order to allow removal, the upper braces in the designated bay(s) are mounted upside-down with the tracking button facing down. This allows these braces to be removed when required to make free access through the roof.

The massive strength of the claws, with their heat-treated LM25 bodies and oversize latch pin, allow them to function in either orientation.

The system can be used as a roof covering for any available beams, although the full benefits of using custom roof beams (strength, lightness, systematic bracing intervals etc) will be lost. We have developed special ridge beams and tracks for alternative beams, including a 15 degree ridge connector which fits the majority of 45cm beams.





This has a bolt-on adaptor for a ridge purlin and fixing beams, allowing alternative use with other popular fixed sheet roof equipment.

UNI Roof Temporary Roofing System

450mm High Capacity Alloy Beam

The Altrad Generation Aluminium 450mm Beam has been the market leader in Europe for more than 20 years. It provides significant time and cost savings across a whole range of scaffold structures.

Suspended or mobile platforms, birdcages, protection-decks bridges or temporary roofs are ideal applications for the Aluminium 450mm Beam.

The Aluminium 450mm Beam has been specifically designed to provide the highest possible UDL. The unique design allows connection directly to the node point between the diagonals, achieving maximum loading. This means, in most applications, the lowest number of beams are required. In addition, beams are quickly and simply joined together with straight connectors using fast action spring clips.

Code	Description	Length	Weight
ALB130	450mm Alloy Beam	4100mm	17.00kg
ALB200	450mm Alloy Beam	6100mm	23.00kg
ALB260	450mm Alloy Beam	8100mm	31.00kg

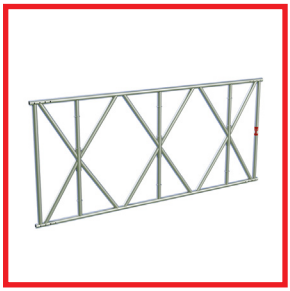
D780mm Alloy Beam

Main structural component for creation of roof spans, also suitable for everyday general purpose applications. The user friendly D78 Beam range offers unrivalled cost to weight ratio and is equally at home in a heavy duty support scaffold or an elegant roofing application

- High strength, low weight and maximum versatility.
- Manufactured in traditional scaffold tube size.
- Vertical posts are provided each 1m on all beam sizes.

Code	Description	Length	Weight
BA0500	D780mm Alloy Beam	500mm	4.30kg
BA1000	D780mm Alloy Beam	1000mm	6.40kg
BA2000	D780mm Alloy Beam	2000mm	11.60kg
BA3000	D780mm Alloy Beam	3000mm	16.90kg
BA4000	D780mm Alloy Beam	4000mm	22.20kg
BA5000	D780mm Alloy Beam	5000mm	27.50kg
BA6000	D780mm Alloy Beam	6000mm	32.80kg

UNI Roof Temporary Roofing System



1.33m Heavy Duty Asterix Alloy Beam

Single Beam Lines, Massive Spans
Multiple beam lines omitted for most applications, greatly simplifies lacing and bracing, massive reduction in fittings and labour.

Special Design, Quality Manufacture
Optimum arrangement of internal members for maximum capacity and consistent node spacing. All beams are closed end for stability and strength, spigot jointed.

Brace with System or Tube & Fittings
Asterix HD Beam depth enables use of system UNI Frames for both plan and section bracing, meaning large beams can be braced in minutes. Alternatively, traditional tube and fittings can be used for both lacing and bracing. Unlike most other scaffold beams on the market today it is permissible to connect scaffold couplers to the posts of Asterix HD.

Permissable Moment – 102.2kN/m

Permissable Shear – 32.6kN

Code	Description	Length	Weight
BD0550	0.55m x 1.33m HD Asterix Alloy Beam	550mm	6.30kg
BD1000	1.0m x 1.33m HD Asterix Alloy Beam	1000mm	13.30kg
BD2000	2.0m x 1.33m HD Asterix Alloy Beam	2000mm	22.60kg
BD3000	3.0m x 1.33m HD Asterix Alloy Beam	3000mm	31.87kg
BD4000	4.0m x 1.33m HD Asterix Alloy Beam	4000mm	41.40kg

UNI Roof Temporary Roofing System

450mm x 18 Degree Alloy Ridge Beam

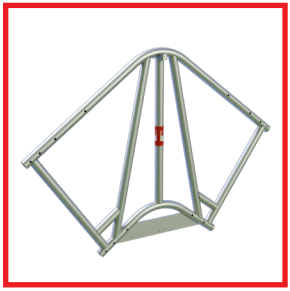
Can be used to form singular 18-degree duo pitched roofs or used in multiples to create a domed structure. Normally supplied complete with 5 hole conversion spigots attached to allow for the connection of multiple 450mm alloy beam types.

Code	Description	Weight
BB0018	450mm x 18° Alloy Ridge Beam	6.40kg

D780mm x 18 Degree Alloy Ridge Beam

Can be used to form singular 18 degree duo pitched roofs or used in multiples to create a domed structure. Requires D780mm 6 Hole Spigots to allow for the jointing to the beam lines.

Code	Description	Weight
BA0018	D780mm x 18° Alloy Ridge Beam	7.45kg



D780mm x 36 Degree Alloy Ridge Beam

Can be used for form 36 degree duo pitched roofs to cover tall buildings. Can also be used at the eaves to form building structures and shelters.

Code	Description	Weight
BA0036	D780mm x 36° Alloy Ridge Beam	12.00kg

1.33m x 18 Degree Heavy Duty Asterix Alloy Ridge Beam

Can be used singularly to form an 18-degree duo pitch roof or used in multiples to form perfect dome structures.

Code	Description	Weight
BD0018	1.33m x 18° HD Asterix Alloy Ridge Beam	25.00kg

UNI Roof Temporary Roofing System

450mm Beam 6 Hole Spigot

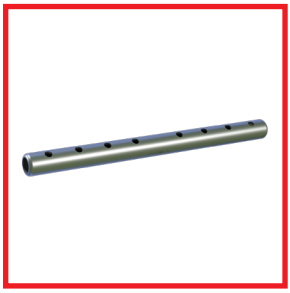
Used for connecting 450mm alloy beams, 2 x 60mm spring pins each side of the joint are required.

Code	Description	Weight
BS0001	450mm 6 Hole Spigot	1.19kg

D780mm Beam 6 Hole Spigot

Used for connecting the 450mm 18-degree ridge beam to 450mm alloy beams, this spigot is normally pre bolted into the ridge beam then connected to the alloy beam with 2 x 60mm spring pins per joint.

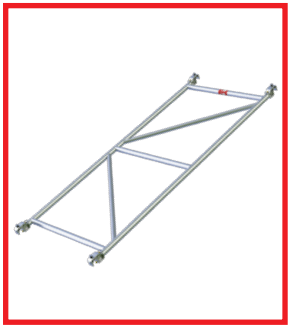
Code	Description	Weight
BS0001	D780mm Beam 6 Hole - Steel Spigot	1.49kg
BS0002	D780mm Beam 6 Hole - Alloy Spigot	0.80kg



1.33m Heavy Duty Asterix Beam 8 Hole Spigot

Used for connecting the 1.33m 18-degree ridge beam to 1.33m alloy beams, also used for connecting 1.33m alloy beams, 4 x 60mm spring pins each side of the joint is required.

Code	Description	Weight
BS0006	1.33m Beam 8 Hole Spigot	1.42kg



UNI Frame

Fitted to the roof beam cords and to the 1.33m Asterix beam posts to provide stiffness and structural integrity. Each corner is fitted with a special tracking button that is used to secure sheet tracking in place when required.

Code	Description	Length	Weight
UK2072	UNI Frame	2070mm	11.22kg
UK2572	UNI Frame	2570mm	12.47kg
UK3072	UNI Frame	3070mm	13.76kg

UNI Roof Temporary Roofing System

UNI Horizontal Brace

A single horizontal brace used for the top and bottom cord lacing and the connection of infill bays. Special button fitted to each end to enable Keder sheet tracking to be installed where required.

Code	Description	Length	Weight
UH2072	UNI Horizontal Brace	2070mm	3.32kg
UH2572	UNI Horizontal Brace	2570mm	3.73kg
UH3072	UNI Horizontal Brace	3070mm	4.24kg

UNI Diagonal Brace

Connects to the top and bottom cords of adjacent beam lines to ensure lateral stability, generally used in conjunction with UNI Frame component.

Code	Description	Length	Weight
UD2198	UNI Diagonal Brace 0.78m	2070mm	3.44kg
UD2674	UNI Diagonal Brace 0.78m	2570mm	3.94kg
UD3158	UNI Diagonal Brace 0.78m	3070mm	4.44kg
UD2110	UNI Diagonal Brace 0.45m	2070mm	3.35kg
UD2603	UNI Diagonal Brace 0.45m	2570mm	3.85kg
UD3093	UNI Diagonal Brace 0.45m	3070mm	4.37kg

UNI Roof Temporary Roofing System

UNI Plan Brace

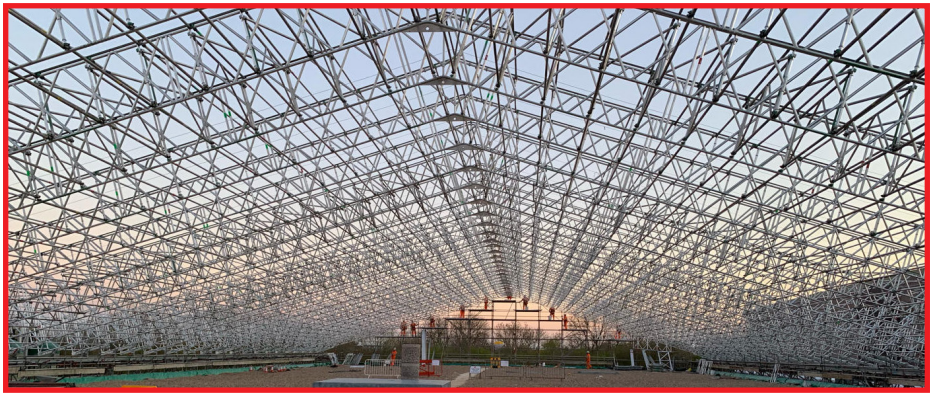
Connects the posts of the adjacent beam lines providing plan stiffness, Used for bracing the 1.33m Asterix beam when used on spanning large distances or on temporary roofs. Claws are facing in opposite directions to allow easy installation and component recognition.

Code	Description	Length	Weight
UP2760	UNI Plan Brace 2.57m	1000mm	3.77kg

UNI Roller Brace

A non-structural component used to even tension applied to the sheeting when ratchet strapped into place. Connects directly into the ridge beam pocket along with the track compressor and intermediate roller brace coupler.

Code	Description	Length	Weight
UR2072	UNI Roller Brace	2070mm	8.80kg
UR2572	UNI Roller Brace	2570mm	11.40kg
UR3072	UNI Roller Brace	3070mm	13.60kg



UNI Roof Temporary Roofing System

UNI 18 Degree Ridge Track 450mm / D78

Sheet tracking section that is connected to the 450mm / D78mm 18deg ridge beam, connected with 2 x 70mm QR pins.

Code	Description	Weight
UT0018	UNI Ridge Track 18° 450 / D78	2.14kg

UNI 36 Degree Ridge Track D78

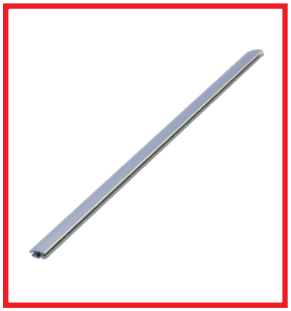
Sheet tracking section that is connected to the D78mm 18deg ridge beam, connected with 2 x 70mm QR pins, the 36deg profile allows for improved rainwater run-off.

Code	Description	Weight
UT0036	UNI 36° Ridge Track D78	3.62kg

UNI 18 Degree Ridge Track 1.33m Asterix Beam

Sheet tracking section that is connected to the 1.33m 18-degree ridge beam, connected with 4 x 70mm QR pins.

Code	Description	Weight
011192	UNI 18° Ridge Track 1.33m Asterix Beam	4.53kg



UNI Sheet Tracking

Special aluminium Keder profile supplied in variable lengths and connected using a rubber or alloy track spigot.

Code	Description	Length	Weight
UT1000	UNI Sheet Tracking	1000mm	1.80kg
011184	UNI Sheet Tracking	2000mm	3.50kg
UT3000	UNI Sheet Tracking	3000mm	5.30kg
011181	UNI Sheet Tracking	4000mm	7.10kg

UNI Roof Temporary Roofing System

UNI Deep Flow 18 Degree Ridge Track D78

Special aluminium Keder profile provides seamless sheeting throughout the roof lengths. Integrated spigot with a dedicated water channel along with higher profile section providing advanced weatherproofing.

Code	Description	Weight
US0018	Deep Flow 18° Ridge Track D78	3.88kg

UNI Deep Flow 36 Degree Ridge Track D78

The special aluminium Keder profile provides seamless sheeting throughout roof lengths. Integrated spigot with a dedicated water channel along with higher profile section provides advanced weatherproofing.

Code	Description	Weight
US0036	Deep Flow 36° Ridge Track D78	5.97kg

UNI Deep Flow 18 Degree Ridge Track 1.33m Asterix

Special aluminium Keder profile provides seamless sheeting throughout the roof lengths. Integrated spigot with a dedicated water channel, along with higher profile section providing advanced weatherproofing.

Code	Description	Weight
011192	Deep Flow 18° Ridge Track 1.33m Asterix	6.53kg

UNI Deep Flow Sheet Tracking

Integrated spigot with a dedicated water channel, along with higher profile section providing advanced weatherproofing.

Code	Description	Length	Weight
US1000	Deep Flow Sheet Tracking	1000mm	2.65kg
US2000	Deep Flow Sheet Tracking	2000mm	5.23kg
US3000	Deep Flow Sheet Tracking	3000mm	7.82kg
US4000	Deep Flow Sheet Tracking	4000mm	10.44kg

UNI Roof Temporary Roofing System

UNI Deep Flow 1m End Piece With Spigot

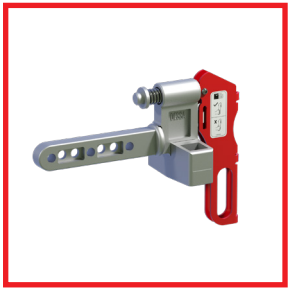
Special colour coded end piece for easy recognition. Required at the top end of Mono pitched roofs when used in conjunction with track compressors.

Code	Description	Length	Weight
US0002	Deep Flow End Piece w. Spigot	1000mm	2.60kg

UNI Deep Flow 1m End Piece No Spigot

Special colour coded end piece for easy recognition. Required at the eaves of Mono and Duo pitched roofs used in conjunction with track compressors.

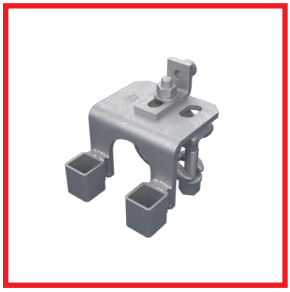
Code	Description	Length	Weight
US0001	Deep Flow End Piece No Spigot	1000mm	2.58kg



UNI Roof Track Compressor

Used at the end of D780mm / 1.33m Asterix alloy beam lines to secure sheet tracking, Maintains 100kg of track compression and allows for the installation of the roller braces, fixed in place with 1 x 60mm spring pin.

Code	Description	Weight
UA0005	UNI Roof Track Compressor	1.55kg

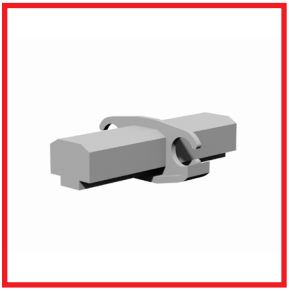


Intermediate Roller Brace Coupler

Used at the end of the Altrad Generation 450mm alloy beam lines to secure sheet tracking. Also used to create staggered bays along with the installation of roller braces.

Code	Description	Weight
UA0001	Intermediate Roller Brace Coupler	1.45kg

UNI Roof Temporary Roofing System



UNI Sheet Track Rubber Spigot

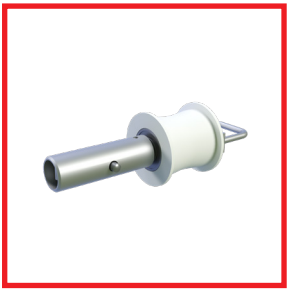
Used to create a seal when using standard UNI sheet tracking.

Code	Description	Weight
UA0004	UNI Sheet Track Rubber Spigot	0.09kg

UNI Sheet Track Alloy Spigot

Ensures joint stability between sheet tracking lengths and provides an efficient seal between adjacent track lengths.

Code	Description	Weight
UA0035	UNI Sheet Track Alloy Spigot	0.26kg



UNI Detachable Sheet Tension Bar Wheel

Engages with the sheet tensioning bar, nylon wheels are to be located over the sheet tracking to enable the installation of the sheeting. To be removed after sheet installation and used on the next bay.

Code	Description	Weight
UA0025	UNI Detachable Sheet Tension Bar Wheel	1.51kg

UNI Sheet Pulling Bar Wheel

Used to aid with the process of sheeting roofing structures, the nylon wheels can be adjusted to fit each bay size and run along the length of the sheet tracking.

Code	Description	Weight
UA0025	UNI Sheet Pulling Bar Wheel	8.20kg

UNI Roof Temporary Roofing System

UNI Sheet Tensioning Bar

Special tube lengths to be used in the ends of each roof sheet to enable installation and tensioning, additionally to form a continuous tube at the eaves. Works in conjunction with the detachable tension wheel.

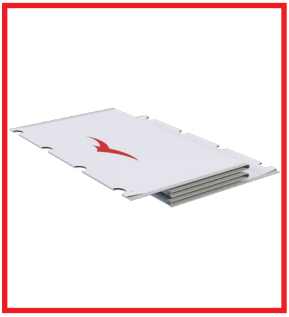
Code	Description	Length	Weight
UB3000	UNI Sheet Tensioning Bar	300mm	0.79kg
UB2072	UNI Sheet Tensioning Bar	2070mm	7.39kg
UB2572	UNI Sheet Tensioning Bar	2570mm	9.26kg
UB3072	UNI Sheet Tensioning Bar	3070mm	11.13kg

UNI Eaves Continuous Tube Connector

Used at the end of the Altrad Generation 450mm alloy beam lines to secure sheet tracking. Also used to create staggered bays along with the installation of roller braces.

Code	Description	Weight
UA0027	Steel Continuous Eaves Connector	1.11kg

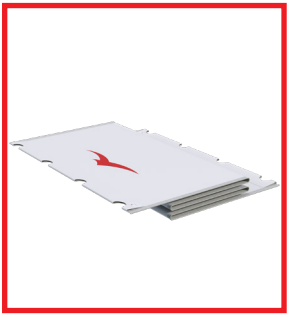
UNI Roof Temporary Roofing System



UNI Roof Heavy Duty 610gsm FR Sheeting

Fabric-based heavy duty flame retardant 610gsm sheeting with 8mm Keder to suit installation into UNI roof sheet tracking, three years anti-yellowing / anti-mildew capability which allows high levels of light to penetrate the roofing structure.

FR BS 7837 TEST 5438/B2
FR-DIN 4102, B1-PASS
BN EN 13501-1 B,S2,D1
Standard widths ~ 2.07m / 2.57m / 3.07m
Made to measure gable end sheeting also available.

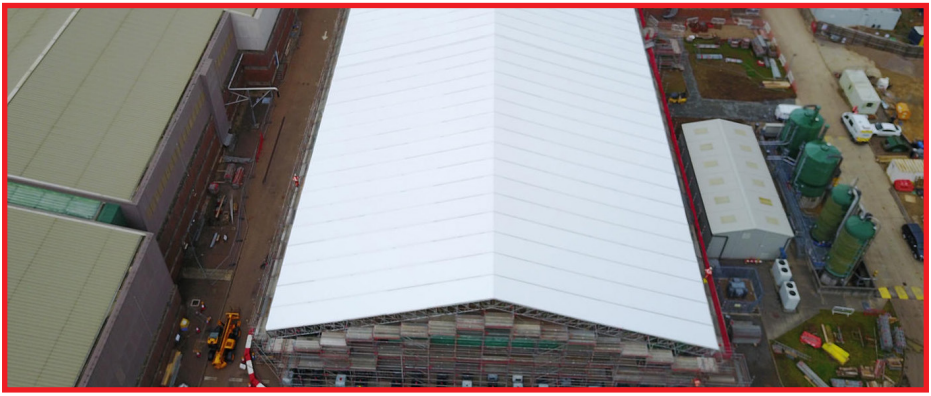


UNI Roof Standard 300gsm Sheeting

PVC coated polyester scrim based sheeting 300gsm with an 8mm Keder to suit installation into UNI roof sheet tracking, translucent in colour allowing high levels of light to penetrate the roofing structure.

BS 7955
Standard widths ~ 2.07m / 2.57m / 3.07m

Please contact your local Altrad Generation supplier for a full listing of available widths and lengths.



Ridge Track QR Pin M12 x 70mm Square

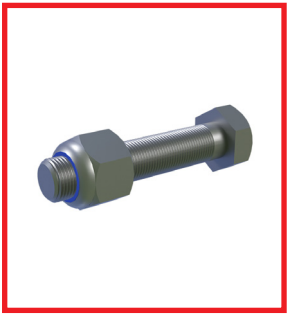
Used to connect alloy ridge tracks to the UNI Roof ridge beams.

Code	Description	Weight
AF0004	Ridge Track QR Pin M12 x 70mm Square	0.10kg

Beam spigot 60mm Spring Clip

Used to fix beam spigots in place when creating beam lines.

Code	Description	Weight
ALB002	Spring Clip 60mm	0.07kg



M12 x 60mm Bolt & M12 Nyloc Nut

Bolt – Used along with M12 Nyloc nut as an alternative to the 60mm spring pin.

Nut – Used along with M12 x 60mm bolt as an alternative to the 60mm spring pin.

Code	Description	Weight
AF0020	Beam Spigot M12 x 60mm Bolt	0.06kg
AF0021	Beam Spigot M12 Nyloc Nut	0.05kg

UNI Roof Beam Supports

Desc.	Beam Support Upright
Wt.	11.28kg
Dim 1	1050mm
Dim 2	250mm
Code	**AA0007**

Compatible with our castors. sysTRAX sliding supports our range of connector plates, this support spur, in conjunction with the inner and outer spurs allow for simple construction of telescopic mobile roofs.

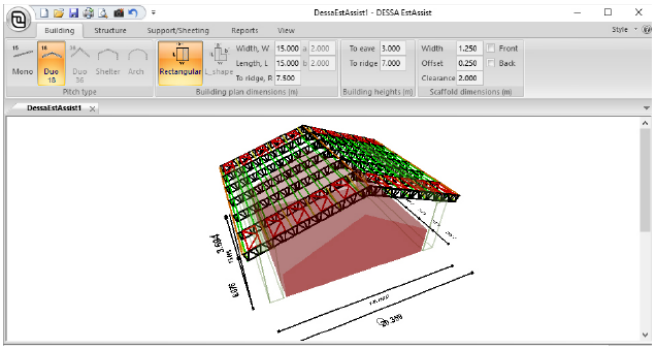
Desc.	Beam Support Spur Inner
Wt.	3.06kg
Dim 1	670mm
Dim 2	110mm
Code	**AA0008**

This inner spur is used in conjunction with outer spur and allows the spur to be located at various locations on the beam bearer.

Desc.	Beam Support Spur Outer
Wt.	3.95kg
Dim 1	760mm
Dim 2	110mm
Code	**AA0009**

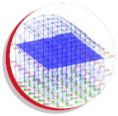
This outer spur is used in conjunction with inner spur and allows the spur to be located at various locations on the beam bearer.

Estimating Software



3D estimating software for all Altrad DESSA Roof Systems, allows quick material lists and quotations to be generated and facilitates easy and simple changing of roof length, span, bay size and supports. Windows 10 compatible.

Extensive industry experience at management level as well as within the design team places DESSA in an excellent position for its clients. DESSA offers a full design and check service covering scaffold projects, temporary roofing projects and bespoke product design. This service is backed up with site visits when required and not limited to DESSA products, other proprietary systems and temporary works designs can be also checked.

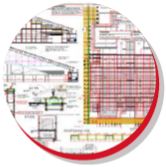


At DESSA we take full advantage of state of the art engineering software:

- Autodesk Product Design & Manufacturing Collection (includes: AutoCad, AutoCad Mechanical, Inventor, 3ds Max)
- Graitec visual analysis software, full frame 3D.
- Sketchup
- Adobe Creative Cloud (Photoshop, InDesign, After Effects, Premiere Pro)

WE ARE PROUD TO OFFER:

- 2D design drawing creation / submissions / checking
- 3D visuals
- Animations / Training videos
- 2D/3D Structural Frame Analysis complete with calculation reports
- Method Statements / Risk Assessments
- Site visits / Inspections / Approvals



Innovative & Bespoke Concept development

- Needs analysis
- Fabrication drawings
- 3D visuals
- 2D/3D Structural Frame Analysis complete with calculation reports
- Prototyping / Launch

- Full support for system scaffolds / lattice beams / access products
- Compliance checking / testing
- Technical literature support / maintenance
- Commercial / Technical proposals

Watch our UniRoof installation videos on YouTube by searching Altrad Generation

YouTube

- Conduct tailored training courses for bespoke customer requirements
- Optimal combination of classroom and practical workshops
- Follow up testing
- On site training
- Software training
- Instructional videos

Temporary Roof Sheeting

Powerclad® Keder 2000 FR

- Made to customer requirements to fit any modular Keder roof system.
- High tensile strength woven polyester multifilament yarn.
- Double-sided waterproof coating with smooth flat finish.
- Excellent low-temperature characteristics.

Weight	Widths	Keder Rod Dia.	Tensile Strength	Flame Retardant
610gsm	2.07m/ 2.57m/ 3.07m Systems	8mm, 9mm, 10mm	Wrap 2,000 N/50mm Weft 2,000 N/50mm	BS476 Part 12c BS 5867 Part 2B DIN 4102 B1

Powerclad® Keder 1215 FR

- Made to customer requirements to fit any modular Keder roof system.
- High tensile strength woven tape yarn.
- Double-sided waterproof coating with smooth flat finish.
- Excellent low-temperature characteristics.
- Environmentally friendly.
- Colour printing available.

Weight	Widths	Keder Rod Dia.	Tensile Strength	Flame Retardant
300gsm	2.07m/ 2.57m/ 3.07m Systems	8mm, 9mm, 10mm	Wrap 1,100 N/50mm Weft 1,100 N/50mm	LPS 1215 BS 476 Part 12C BS 5867 Part 2B DIN 4102 B1

Powerclad® Keder 1100

- Made to customer requirements to fit any modular Keder roof system.
- High tensile strength woven tape yarn.
- Double-sided waterproof coating with smooth flat finish.
- Excellent low-temperature characteristics.
- Environmentally friendly.
- Colour printing available.

Weight	Widths	Keder Rod Dia.	Tensile Strength	Flame Retardant
300gsm	2.07m/ 2.57m/ 3.07m Systems.	8mm, 9mm, 10mm	Wrap 1,100 N/50mm Weft 1,100 N/50mm	-

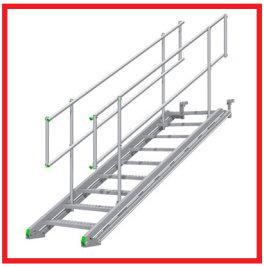
Ranger™ Stair

The Ranger™ Stair is a range of self-contained, pre-assembled aluminium stair units, flat packed, which automatically adjust to a wide range of lift heights, making them ideal for use in tube and fitting scaffolds along with other applications. The Ranger™ Stair is fully compliant with BS EN12811 for all possible configurations.

Code	Description	Weight	Minimum Height (mm)	Maximum Height (mm)
RNG003	Ranger™ Stair, 3 Tread	18.49kg	557	783
RNG006	Ranger™ Stair, 6 Tread	29.66kg	985	1457
RNG009	Ranger™ Stair, 9 Tread	40.71kg	1412	2130
RNG012	Ranger™ Stair, 12 Tread	51.92kg	1840	2804
RNG015	Ranger™ Stair, 15 Tread	62.91kg	2267	3478
RNG018	Ranger™ Stair, 18 Tread	87.80kg	2690	4146

Stair Assemblies

Description	Guardrail Mini	Guardrail Short	Guardrail long
Ranger™ Stair, 3 Tread	2	-	-
Ranger™ Stair, 6 Tread	-	2	-
Ranger™ Stair, 9 Tread	-	-	2
Ranger™ Stair, 12 Tread	-	4	-
Ranger™ Stair, 15 Tread	-	2	2
Ranger™ Stair, 18 Tread	-	-	4



Guardrail Units

Code	Description	Weight
RG0003	Ranger™ Guardrail Mini	5.21kg
RG0001	Ranger™ Guardrail Short	5.90kg
RG0002	Ranger™ Guardrail Long	7.30kg

Connectors

Code	Description	Weight
RB0011	Tube Connector Left	1.36kg
RB0012	Tube Connector Right	1.36kg

Kwikstage

With a wide range of accessories including handrails, board stage-brackets, staircase towers and loading bays, Kwikstage Access provides safe and secure access systems for all requirements. Ledgers and transoms are fixed to the vertical standards of the Kwikstage scaffolding, using captive wedge connections and eliminating the need for transverse bracing. All Joints are self-locating, meaning they have been designed so that even the unskilled labourer can keep erection times and costs to a minimum.

Applications

- General purpose and inspection light or heavy duty access
- Perimeter scaffold
- Birdcage scaffold
- Access for steelfixing/concreting
- Bridging scaffold
- Roof edge protection
- Static towers
- Mobile towers
- Loading platforms
- Stairway towers

Advantages:

No loose fittings

Captive connector means reduced losses and increased productivity compared to traditional tube and fitting scaffold.

Few basic components

The Kwikstage scaffolding contains just a few, basic units that remain compact and with no loose fittings to simplify storage and transportation – as well as preventing damage.

Simple to maintain

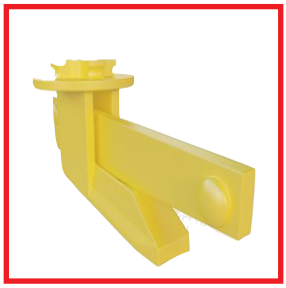
Most connections are made with wedge fixings which are very simple to use leading to longer product life and minimum service costs.

Kwikstage

Desc.	Transom - Infill 4ft
Size	1219mm
Wt.	13.4kg
Code	**KS2605**

Desc.	Gates (pair) - Loading Tower
Size	-
Wt.	30.4kg
Code	**KS0000**

Desc.	Tie - Infill 8ft
Size	2438mm
Wt.	17.2kg
Code	**KS4305**



Desc.	Ledger - Bridging 16ft
Size	4880mm
Wt.	30.3kg
Code	**KS1400**

Desc.	Ledger - Bridging 24ft
Size	7320mm
Wt.	63.2kg
Code	**KS1300**

Kwikstage

Desc.	Transom - Return 4ft 2in
Size	1270mm
Wt.	3.97kg
Code	**KS2000**

Desc.	Kwikstage Standard 6ft 6in
Size	2000mm
Wt.	11.6kg
Code	**KS0200**

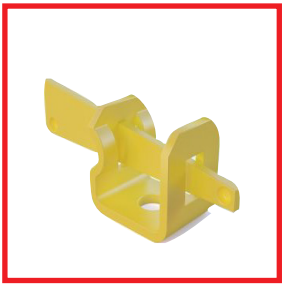
Desc.	Standard Restraint - Loading Tower
Size	-
Wt.	3.97kg
Code	**KS6005**

Desc.	Transom - Return 2ft 8in
Size	813mm
Wt.	7.5kg
Code	**KS2200**

Desc.	Kwikstage Standard 9ft 9in
Size	3000mm
Wt.	16.8kg
Code	**KS0100**

Desc.	Transom - Loading Tower 8ft
Size	2038mm
Wt.	45.7kg
Code	**KS1600**

Desc.	Jack - Universal
Size	-
Wt.	6.7
Code	**SZ0043**



Desc.	Bracket - Toe Board
Size	-
Wt.	0.9kg
Code	**KS360S**

Kwikguard

Code	Description	Size	Weight
KS7400	Kwikguard	1270mm	14.5kg
KS7300	Kwikguard	1829mm	17.9kg
KS7200	Kwikguard	2438mm	23.5kg

Platform Brackets

Code	Description	Size	Weight
KS3500	Bracket - Platform 1 board	-	2.0
KS3400	Bracket - Platform 2 board	-	5.2
KS3300	Bracket - Platform 3 board	-	7.3

Steelstage

Code	Description	Size	Weight
KS4900	Steelstage 8ft	2438mm	16.3kg
KS5000	Steelstage 6ft	1829mm	12.3kg
KS5100	Steelstage 4ft	1270mm	8.8kg

Transoms

Code	Description	Size	Weight
KSGL10	Transom 2ft 8in	813mm	4.9kg
KSGL04	Transom 4ft 2in	1270mm	7.2kg

Kwikstage

Stairway Unit

The aluminium stairway unit fits into a 2438mm x 1981mm high Kwikstage scaffold bay. The overall width of the unit 576mm enabling two to be fixed in a standard 1270mm wide bay.

Code	Description	Size	Weight
KS7100	Stairway 8ft x 6ft 6in	2438mm x 1981mm	38.81kg
KS6100	Stairway Handrail	-	10.01kg

Painted & Galvanised Kwikstage

- 9'9" Standard
- 6'6" Standard
- 8' Ledger
- 6' Ledger
- 4'2" Transom
- 12' Diagonal
- Screw Jacks
- 1 Board Bracket
- 2 Board Bracket
- 3 Board Bracket
- 4' Tie Bar
- 6' Tie Bar
- 8' Tie Bar
- 6' Bowstring
- Battens
- 2'8" Transom
- Ladder Acess Transom
- Loading Bay Transom
- 8' Bowstring
- Return Transom

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.

Altrad Generation Dublin West
Killeen Road, Bluebell,
Dublin,
D12 KXE6
Tel. +353 1 601 1500
dublinwest@altradgeneration.com

Altrad Generation Cork
Watergrasshill Business Park,
Watergrasshill, Co. Cork,
T56 AE06
Tel. +353 21 488 9850
cork@altradgeneration.com

Altrad Generation Dublin North
Old Swords Road, Cloghran, Santry,
Dublin 9,
K67 P2T8
Tel. +353 1 901 8690
dublinnorth@altradgeneration.com

GENERATION
HIRE & SALE

Altrad Generation Galway
Airglooney Business Park,
Tuam, Co. Galway,
H54 YT98
Tel. +353 93 60470
galway@altradgeneration.com

Altrad Generation Belfast
Unit 3B, Nutts Corner Business Park,
Belfast,
BT29 4SR
Tel. 028 9082 4880
belfast@altradgeneration.com