

UNI ROOF BROCHURE



Part of the Altrad Group of companies, DESSA are designers and suppliers of market leading temporary roofing, lightweight encapsulation solutions, aluminium lattice girders and safety products for the construction industry.

“EXCELLENT PRODUCT,
MODULAR, FLEXIBLE,
EASY AND QUICK
TO INSTALL, GOOD
PRODUCTION QUALITY”

REGIS JAEGER
EUROPE ECHAFAUDAGE

LEGACY

UNI Roof

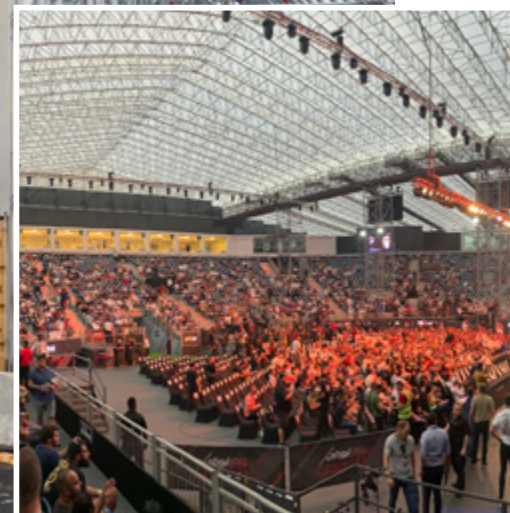
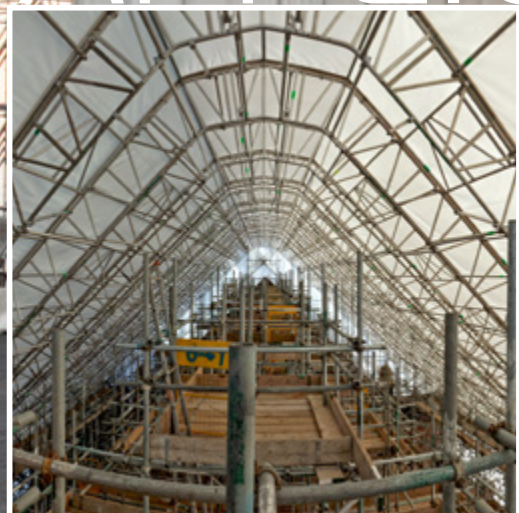
Time proven on demanding and complex applications across varied climates, UNI Roof offers unrivalled span capabilities, material utilisation, configuration options and ease of installation. Used on thousands of projects globally, UNI Roof is the preferred temporary roofing system for the professional scaffolder.

NOT JUST A ROOF...

UNIVERSAL COMPONENTS ALLOW ENDLESS APPLICATIONS AND MAXIMUM UTILISATION

- Historic building protection
- Mobile shading and weather protection
- Building encapsulations
- Industrial and commercial shelters
- Everyday spanning applications
- Events and bespoke structures

APPLICATION



VERSATILITY

AVAILABILITY



UNI Roof Span Types



Monopitch



Duopitch¹⁸



Duopitch^{c/w tiebar}



Duopitch³⁶



Asymmetric



Shelter



UNI Shelter



Dome

* All spans need to be structurally verified by a competent Engineer

- Metric and non-metric system bay sizes
- Multi-purpose beams
- Rapid assembly
- Multiple configurations
- Staggered or stepped bays
- Sidewall cladding options
- Safe installation techniques

SPANS IN EXCESS OF 50M

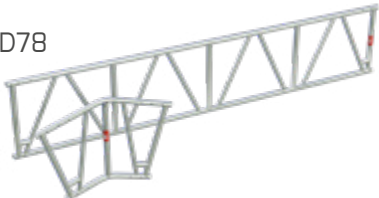
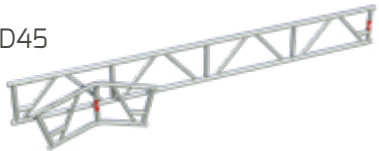
- Maximum return on investment
- Range of pitch angles
- Range of beam depths from 0.2-1.3m
- Range of beam lengths from 0.5-8m
- Massive strength to weight ratio
- Colour coded for easy recognition
- Comprehensive documentation
- Full technical support

SALE AND RENTAL OPTIONS AVAILABLE THROUGHOUT OUR GLOBAL NETWORK OF DISTRIBUTORS

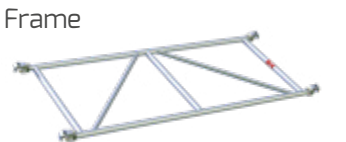
MODULAR

By using just a few basic parts, incredible and durable UNI Roof structures can be erected quickly and safely.

Beams



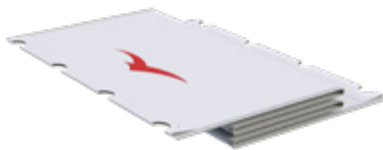
Bracing



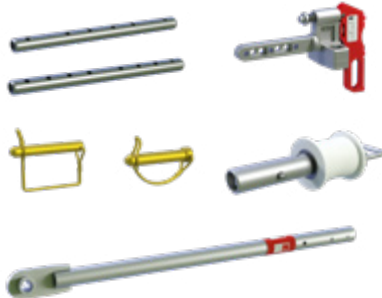
Tracking



PVC Sheeting



Accessories



BUILDABILITY

UNI Roof enables multiple erection methods to suit your site conditions with safety assured.

By hand

For restricted access and small projects.



By crane

For large projects and speed of installation.



By rollout

For any size project and to minimise work at height.



SIMPLICITY

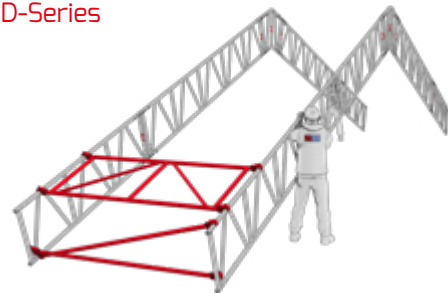
CAPABILITY



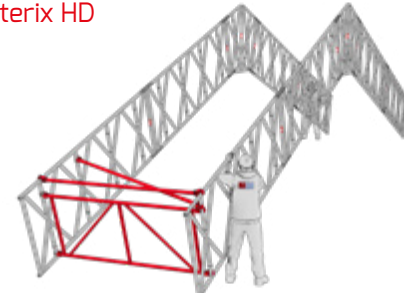
UNI Roof – BASIC ASSEMBLY

Install Bracing

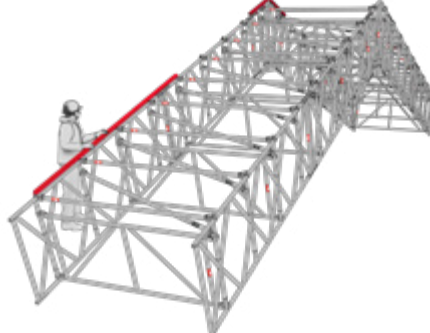
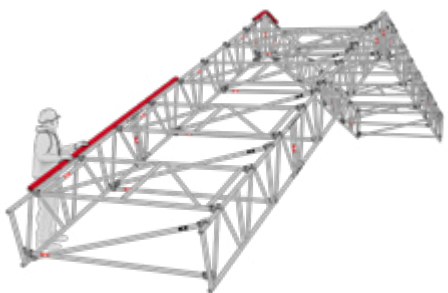
D-Series



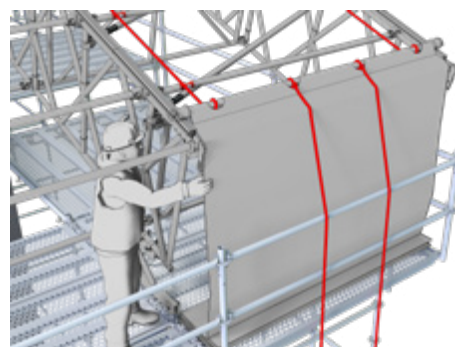
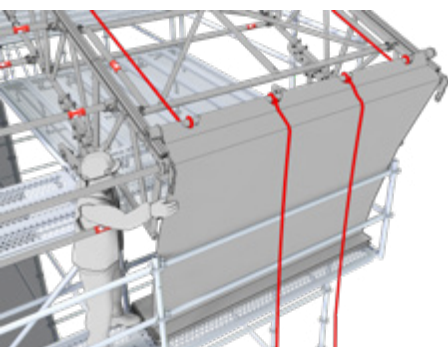
Asterix HD



Install Tracking



Install Sheeting



UNI Roof – UNRIVALLED SPANS

D45
15m +*



D78
35m +*



Asterix HD
50m +*



* All spans need to be structurally verified by a competent Engineer

UNI Roof - POSSIBILITIES

Mobile Structures



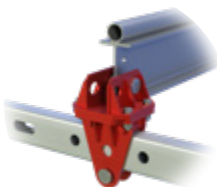
TRAX UB
Steel Trax system providing anti-uplift restraint. Ideal for heavily loaded, long duration projects and regular opening and closing.



TRAX Tube Holder
Used in conjunction with regular scaffold tube providing a cost effective and rapid solution to rolling track formation.



Tri-Beam
Lightweight aluminium tri-beams enabling rollout construction methods and also static support options. Secured using regular scaffold fittings.



sysTRAX™
Innovative modular runway, providing an instant easy connection to supporting scaffolds. Allows for elimination of horizontal loads.

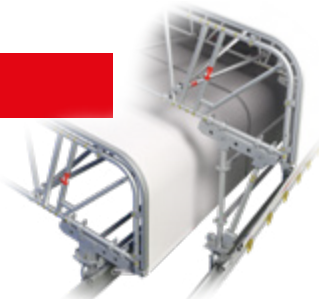


DESSA Castor
All steel castor with double roller bearings, ensuring the biggest structures can be moved easily by hand. Integrated anti-uplift.

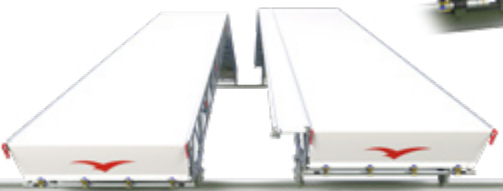
Openings



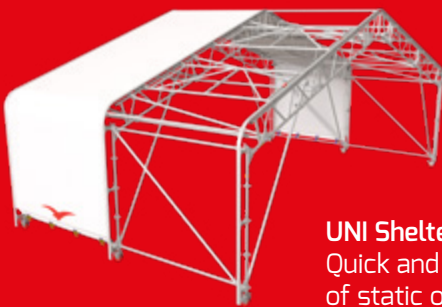
Telescopic
Dedicated beam support optimised for 78cm beams, allowing telescopic roofs to be erected with a minimum width of supporting structure.



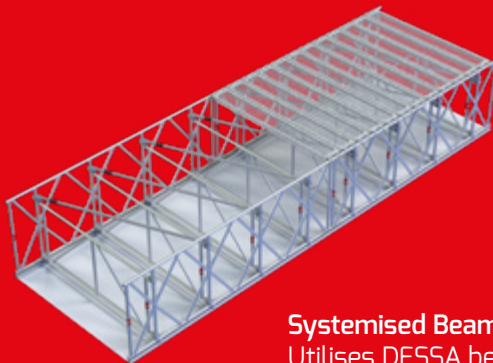
Cantilever
Provides an overlap between two mobile roofs sharing a common runway. Can be easily opened for crane access.



Integration with Altrad Scaffolding



UNI Shelter
Quick and easy formation of static or mobile shelters using Altrad modular scaffolding supports.



Systemised Beam Spans
Utilises DESSA beams, braces and tracking in conjunction with Altrad steel decking for enhanced erection and speed of static and mobile beam spans.

Sidewall Cladding



Wedge > Support



Coupler > Support



Wedge / Coupler > End Stop

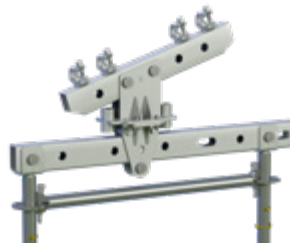
Supports



DESSA Castor Top Plates
A range of modular supports for any scaffold type...



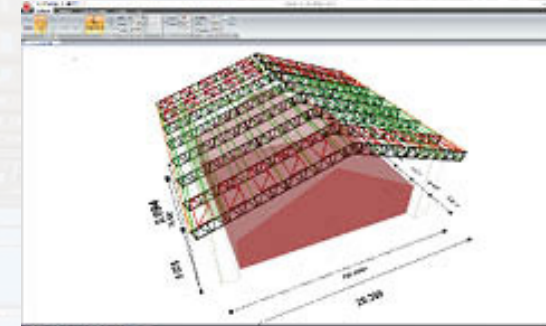
Beam Support Assembly
Pivoting support for temporary roofs and beam spans. Transfers loads evenly to standards, eliminating moments at supports.



Sliding Support Assembly
Rigid beam connection with sliding support, negating horizontal loads imposed on scaffold.

DESSA EstAssist

Ribbon based software, producing parts lists, quotes and illustrations. Freely available to all UNI Roof users.



UNI Roof Documentation

UNI Roof
Catalogue



UNI Roof
User Guide



Quick Start
Guide By
Crane



Quick Start
Guide By
Rollout



Quick Start
Guide By
Hand



