



LEADING THE
ROOFING REVOLUTION

NHBC Accepts and BBA Certified –
Designed for Volume Housebuilders

www.ultrapanel.co.uk

LEADING THE ROOFING REVOLUTION

Build the best 'room in the roof' with **Ultr®panel** - a totally new precision engineered system created to meet the demands of volume residential developers that eradicates the risks of site delays and delivers verified fire, weathertight, thermal and structural performance every time.



Precision Engineered for Cost and Programme Certainty



- ✓ **Performance Assured**
NHBC Accepts and BBA Certified
- ✓ **Programme Assured**
Two-week lead time adaptable to changing schedules
- ✓ **Price Assured**
One competitively priced transaction
- ✓ **Precision Assured**
Value engineered in one unitised hybrid panelised solution
- ✓ **Partnership Assured**
Continuous support and training from design to installation

One Seamless Transaction

With one seamless transaction, the precision engineered **Ultr®panel** system provides programme and supply chain certainty and is delivered to site as a complete 'room in the roof' kit of parts including all components and fixings at a pre-agreed price.

Tried and tested by one of the UK's most prominent housebuilders – **Ultr®panel** is a highly adaptable offsite manufactured roofing system designed to increase return on investment by reducing build times and rapidly increasing saleable residential space by up to 60%.

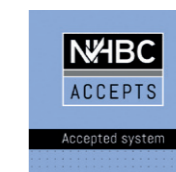
Performance Assured

NHBC Accepted – **Ultr®panel** is the innovative new concept in customisable roofing technology and the only full height 'room in the roof' system BBA Certified to comply with Building Regulations for assured fire, weathertight, thermal and structural performance.

This revolutionary hybrid roofing system has been created to meet the demands of volume housing developers requiring a performance and programme assured roofing solution.

Just in Time

Designed and manufactured to order in the UK – the **Ultr®panel** roofing system provides programme certainty. With a lead time of only two-weeks, just in time delivery schedules offer the flexibility to adapt to changing build programmes. Mass customisation techniques at high capacity ensure simultaneous volume production of various roof types with vaulted ceilings, mezzanine floor options, and the ability to accommodate dormer or inline windows.



Proven Capability and Capacity

This ground-breaking patented system has been developed by **Ultra**panel Building Technologies, part of the **Ultra**frame group. Financially robust with a global reach and an exemplary trading track record, **Ultra**frame has been established for over 35 years and is acknowledged for revolutionising the conservatory roofing market. Bringing their vast experience in World Class Manufacturing combined with advanced mass customisation techniques, **Ultra**frame manufactures hundreds of roofs every week.

Ultraframe has the proven capability and capacity to deliver custom-made 'room in the roof' systems at scale with a lead time of just two weeks.

Revolutionary Patented Technology

Ultrapanel systems are precision engineered in one unified hybrid panelised solution to maximise the material properties of structural steel and timber elements integrated with a high-performance insulated core. The patented connecting system delivers first-time precision and reduces the risk of poor workmanship and costly defects. Specialist in-house design software ensures each **Ultra**panel 'room in the roof' system delivers dimensional accuracy with assured precision and performance. The **Ultra**panel roofing system can be used for existing house types, or the technical team is available to assist with new customised designs.



1. **Ultra**panel roof units 2. Integrated gable 'ladder' in varying widths 3. Steel clips 'zip' panels together 4. Eaves beam strapped to cavity wall 5. **Ultra**panel spandrel panel with membrane 6. Soffit fixtures ready for fascia board

Agile and Adaptable

As **Ultra**panel has no traditional roof trusses or purlins, ceilings can be vaulted allowing space for mezzanine floors in some roof designs. Unlike traditional attic trusses where the roof rafters have to align with floor joists – a staircase can be positioned virtually anywhere to suit individual designs. With the ability to accommodate dormer or inline windows, the varying **Ultra**panel widths mean that windows can be placed precisely where the design demands – even above staircases to bring natural light into the floors below. With **Ultra**panel, developers can create more useable, more saleable bedroom or home office space – increasing the selling price potential and appeal through enhanced designs.

Partnership Assured

From the first enquiry through to installation, **Ultra**panel Building Technologies offer continuous support. With installer training for in-house operatives, the team offers guidance throughout the design, specification, manufacturing and installation process – helping housing developers seamlessly transition to the assured **Ultra**panel solution.

- ✓ **Early-stage consultation and advice**
- ✓ **Site surveys and specification support**
- ✓ **Liaison with design and engineering teams**
- ✓ **Dedicated customer care and onsite teams.**
- ✓ **Comprehensive training for installers**
- ✓ **Ultra**panel specification and onsite helpline
- ✓ **NHBC Accepts and BBA Certified**

Installed in One Day

Achieving critical time gains, the Ultrapanel system can be installed by a team of three with a telehandler in just one day to achieve a rapid weathertight building envelope. As well as reducing health and safety risks, using a telehandler reduces the costs and logistical complexities associated with expensive lifting equipment.

Distributed the day prior to installation on a specialist vehicle to optimise load fill and reduce delivery miles - the precision engineered system arrives on three to four pallets as a complete 'room in the roof' kit of parts including all components and fixings.

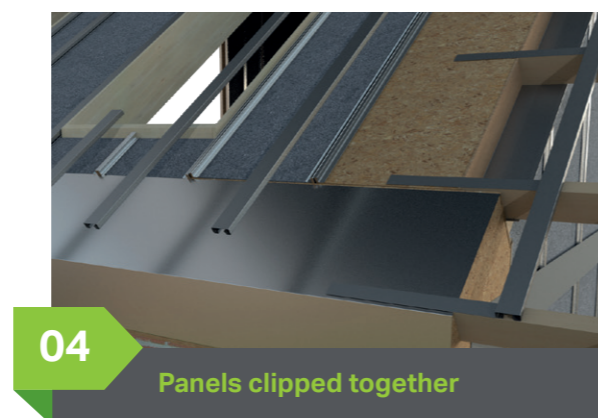
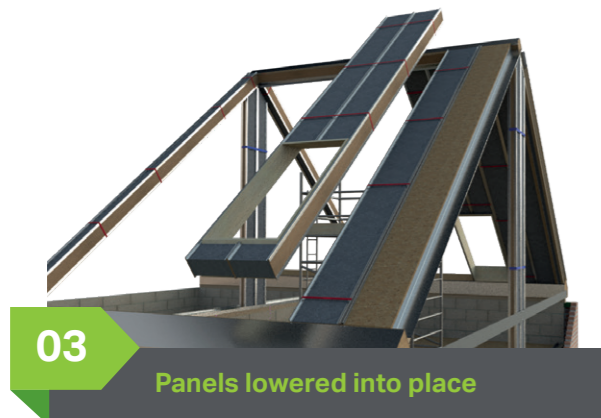


A TEAM OF THREE

SEVEN HOURS TO BUILD THE ROOF



RAPID FOUR-STEP Installation Process



For full specification and performance details go to: www.ultrapanel.co.uk



The Ultrapanel 'room in the roof' system does not require a crane. The system is flat-packed for easy lifting with a site telehandler.



The site telehandler lifts the 3-4 packs onto the scaffold.

FEATURE	BENEFIT	TECHNICAL	COMMERCIAL	SITE
Offsite manufactured	Increases speed of build, eliminates waste, reduces on-site labour and deliveries	✓	✓	✓
Integrated roofing system with spandrel panels and party walls	Fast-track build system, installed in one day by a team of three	✓	✓	✓
Two-week lead time from order to delivery	Flexible 'just in time' deliveries for easier site planning and better scheduling		✓	✓
Delivered as a complete kit of parts	Lightweight and manoeuvrable, installed with a telehandler - no crane required		✓	✓
Delivered one day prior to build	Minimises site storage and avoids delays		✓	✓
Achieves up to 60% more floor space	Increases appeal, sales revenue and design options for additional rooms		✓	
Variable positions of roof windows and stairs	Windows and staircase can be positioned to suit individual designs and create natural light where needed	✓	✓	
Assured Performance BBA Certified/ NHBC Accepts	10-year build warranty, 60-year life expectancy - verified fire, structural and thermal performance	✓	✓	
Lean manufacturing and precision engineering	Maximising material usage with zero waste to deliver competitive prices		✓	
Vaulted ceiling as standard	Design flexibility for roof-lights, dormer or inline windows and mezzanine floors		✓	✓

Ultra[®]panel

Building Technologies



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