



**The
QUBE** your modular
building
partner.

www.theqube.co.uk

01604 785786

We are The Qube

Since 2007 The Qube has used Modern Methods of Construction (MMC) to design and build inspiring buildings that our clients are proud of.

Working across all Private and Public sectors, if it is extra space you need, our Modular Buildings are a brilliant solution. We'll build quickly, with minimal disruption to everyday activities. With our expertise and commitment to quality, we can make your next sip panel construction project a success.

- Fully equipped, with a huge range of customised options and finishes.
- On-time and to budget (subject to site survey and planning).

Meet the team

A proud, family-run business, The Qube was founded in 2007 by Managing Director, Mick Spittle, realising a gap in the market for luxury Garden studios. It has since gone from strength to strength and is now one of the market leaders in the UK for bespoke Sip Panel modular buildings; with the Education Sector being the beating heart of the business.

The team consists of top-quality contractors, Structural Engineers, Designers and Project Managers who are supported by the office management team.

The Qube also has a vast array of partners to ensure we are able to offer a turn-key solution to clients and ensure all projects run as seamless as possible, on-time and to budget.



Because we are a single team taking charge of the whole project we ensure it runs on-time and to budget. Our design and build package covers it all.



Design, planning advice and submissions



Building regulations, compliance and control



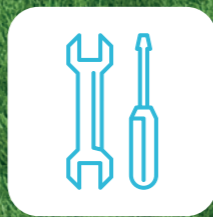
On-site delivery



On-site installation



Testing and commissioning



Furniture and data installations



On-going customer support

From start to finish our expert team will ensure the eight step process is seamless. The beauty is that all buildings can be completely bespoke, so the size and shape may change, but the process rarely does.

1

EXCAVATION

Reduce levels to allow for flush building access and conformity to Approved Document M.

2

FOUNDATIONS INSTALLED

We utilise a variety of different foundation systems, including pads, ground screws, traditional strips and a raft foundation system.

3

SUB FRAME/FLOOR INSTALLED

Depending on the foundation system utilised, the floor system will then be installed.

4

SIPS STRUCTURE ERECTED

Already fabricated offsite, the SIPS will be delivered on a just-in-time basis, ready for erection.

5

1ST AND 2ND FIX WORKS

Carpentry, mechanical and electrical completed internally.

6

SINGLE PLY ROOF MEMBRANE APPLIED

Our system comes with a 15 year guarantee.

7

BUILDING CLAD EXTERNALLY

This examples showcases dyed black, Western Red Cedar but you can clad your building in many other systems including: Brick Slips, Render, Rock Panel and more.

8

ALL EXTERNAL WORKS COMPLETED

The Qube finish every job, including all external works, ready for occupation.

The image showcases some of our typical features within a Qube building. However, remember that our buildings are completely bespoke, so you can mix and match features you see to match your exacting specification.



Green Dragon Primary School, Brentford.

1 ROOF

Single ply roofing is proven to offer the best performance in any climate, withstanding extreme weather conditions whilst also reducing environmental impact. 'Black and white EPDM performed better than many other single-ply and bitumen-based membrane materials in key categories such as global warming, acidification and smog generation'. Source: A 2010 Life Cycle Inventory and Assessment study (LCA), ATHENA® Institute. Studies also indicate that the lifespan of EPDM roofs could exceed 40 years.

2 CLADDING

Western red cedar makes an attractive eco-smart material for cladding the Qube buildings that blends in perfectly with any rural or urban setting. The wood secretes a natural oil that helps preserve its beauty and in turn avoids the need for toxic chemical preservatives. It is naturally resistant to moisture, decay and insect damage. In fact, its even grain and relatively consistent density makes it less likely to swell, warp, cup, and twist than other soft and hardwoods. Other options available are: Brick slips, composite cladding and render.

3 STRUCTURE

Structural Insulated Panel (SIP): A product that fuses a foam core between two outer skins of Oriented Strand Board (OSB) to create a super-strong construction panel. The sips are used to construct walls, roof and sometimes floor. The SIPs foam core provides higher insulation values than many other insulation materials used in traditional wall construction. Because SIPs have fewer gaps and the studs do not interrupt the insulation they have proven to be a far superior product than traditional walls, whilst also acting as a better barrier to external noise.

4 FOUNDATIONS

As all buildings are bespoke and ground conditions vary across sites, we use various foundation systems approved by our structural engineers. On a project basis the foundation systems we use include, but are not limited to, ground screws to allow for small variance to ground levels, traditional strip foundations with block and beam floor or a concrete raft.

5 WINDOWS

We provide aluminium windows, powder coated in a choice of RAL colours, with high security sash profiles and internal glazing. Our window systems offer excellent weather performance ratings and comply with all applicable British and European safety standards. The range of windows are compatible with a variety of locking mechanisms and accessories. To create a sleek finish for controlling daylight flooding into the space you may wish to opt for blinds that fit flush within the glazing.

6 FLOORING

To suit the demands and wear of commercial interiors, we offer various types of flooring from world-class manufacturers of beautifully designed, highly resilient flooring. Practical vinyl flooring has a variety of choices with stone, wood, or abstract finishes, designed for any use, including general-purpose to high-intensity areas, from acoustic to uncompromising luxury. Or be inspired by carpet tiles, which offer warmth and comfort, made using state-of-the-art fusion bonding. It's an extremely dense and luxurious product, being very flexible in its layout and colourways.

7 LIGHTING

Our lighting systems are bespoke on a client by client basis but our most popular range of lighting is recessed lighting within a 600x600 suspended ceiling grid. Further specification and products can be shared upon request.

8 WALLS & CEILING

Options for the walls and ceiling of The Qube include plasterboard with skim finish or ceiling tiles composed of the Tegular Dune suspended grid system. The system provides excellent sound absorption and heat retention properties along with a wipeable finish, making it suitable for kitchens, offices and commercial spaces.

HOW CAN I VIEW MY NEAREST QUBE?

Please get in touch with the office to arrange a site visit to your nearest Qube – 01604 785786.

HOW LONG IS THE QUBE GUARANTEED FOR?

The Qube has a 10 year structural guarantee and manufacturers warranty on all fixtures and fittings.

IS THE QUBE A STANDARD SIZE?

The Qube is a bespoke build to your exacting requirements.

DO YOU NEED PLANNING PERMISSION?

Yes, planning permission is required in most cases, the team at the Qube will be happy to facilitate all applications on your behalf.

HOW IS THE BUILDING DELIVERED AND INSTALLED?

The building is pre-manufactured offsite in a factory controlled environment. It is then transported to site on a lorry and the Qube team will erect the flat-pack panelised system onsite with minimal disruption.

DOES IT COST TO HAVE A SITE SURVEY?

No, we offer a no obligation site survey and design package. Please get in touch if you would like to arrange your site survey with one of our team.

HOW DO WE PAY FOR THE BUILDING?

Payment terms vary across each project, however we are happy to work with our clients to agree a mutually agreeable payment schedule. Finance options are available upon request. Please get in touch for more details.

CAN YOU ONLY INSTALL IN SCHOOL HOLIDAYS?

No, due to our rigorous Health and Safety systems we have in place, we can build in schools all year round. We will be self-sufficient within our own site compound and cause minimal disruption to the day-to-day running of the school.

CAN YOU HELP WITH THE DESIGN OF OUR BUILDING?

Absolutely, we have our own in-house design team who can work with you to determine the design of your building which is fit for your purpose. We can then offer a full turnkey solution from this point on, ensuring you don't have lift a finger.

WHAT DO YOU MEAN BY TURN-KEY SOLUTION?

With a turnkey solution, we take responsibility for designing, manufacturing, testing and commissioning, leaving you (the customer) to simply use the finished product or service. A quick and easy benefit of a turnkey solution is that it saves time and reduces complexity for you.

DOES THE QUBE REQUIRE FOUNDATIONS?

This can vary depending on two main factors, the size of the building and the ground condition. We have experience in all types of foundation systems including, but not limited to: concrete pads, traditional strip foundations, piling system, ground screws and more.

If you have any questions above and beyond our FAQs please do give us a call, our team are always happy to talk further about our design and build packages and help give our clients all of the information they require.



“We first appointed Qube Modular buildings on an extremely fast track SIP panel building for the University for the Creative Arts in 2015. The works, four new art studios were completed over the summer, fitted out and ready to open for the autumn term The Qube team are a delight to work with, collaborative, accessible and transparent and they delivered a high quality building that is being enjoyed by the students. Since then we have asked for technical advice in regard to details we are producing. Based on our experience I would highly recommend this company”

NIGEL CRADDOCK - PROJECT DIRECTOR - PASCALL + WATSON



“I am absolutely delighted with our new Year 6 block at the school. From our initial chat with The Qube, through to hand-over of our keys at the end of the job, the process has been seamless. We had a tight schedule in which to work and The Qube went above and beyond my expectations to finish the project on-time and to budget. I would have no hesitation in recommending The Qube to another school who are in need of extra space.”

ALEX GOLDEN - HEAD OF SCHOOL - RIDGEWAY PRIMARY ACADEMY



We think, plan and build with the environment in mind. It's an integral part of our building design and construction - inside and out. For energy efficiency we construct our buildings from UK-sourced Structural Insulated Panels to reduce their carbon footprint.

Meanwhile outside we offer sustainable western red cedar cladding, and our glazing is designed to be heat retaining and energy-saving.

On the roof there's the choice of eco-friendly single ply membrane (EPDM) or living sedum and the eco-smart features don't end there. Solutions for harvesting rainwater, capturing daylight with the aid of reflective tubes, and generating renewable solar and wind-powered energy are also available. The Qube Assembled range is re-locatable, so our solutions avoid the unnecessary use of natural resources, resulting manufacturing processes and landfill wastage.

The Qube also utilise:

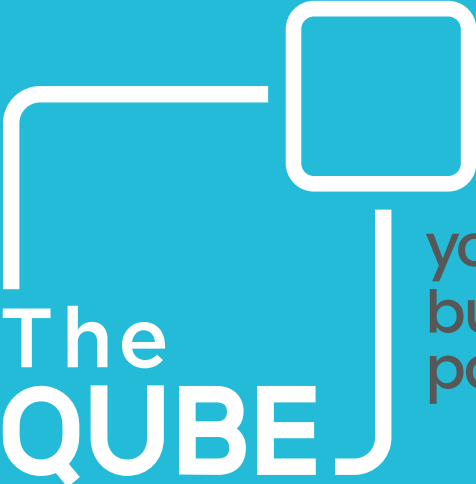
- Air Source Heat Pumps - these are highly energy-efficient as they use renewable energy sources to generate heat.
- Solar Panels - as a standard on most Qube builds, we install solar panels on the roof to generate electricity in order to help power your building and reduce your energy bills in the long-term.
- A-rated glazing - helping regulate temperatures and minimised external noise.



"The Qube were an absolute pleasure to work with from concept to inception. All of our client queries were responded to in full and a timely manner. The erection of our two-storey modular education building had a number of pre-requisites that had to be met and The Qube went above and beyond to enable us to achieve these, whilst remaining patient throughout. When on-site; the project was delivered within a 12 week timeframe, with no fuss - it was slick, safe and seamless. I would not hesitate to recommend The Qube and look forward to working on our next project very soon."

JONATHAN RITCHIE - HEAD OF OPERATIONS - CHATSWORTH SCHOOLS.

Why not discuss your project with us today
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