

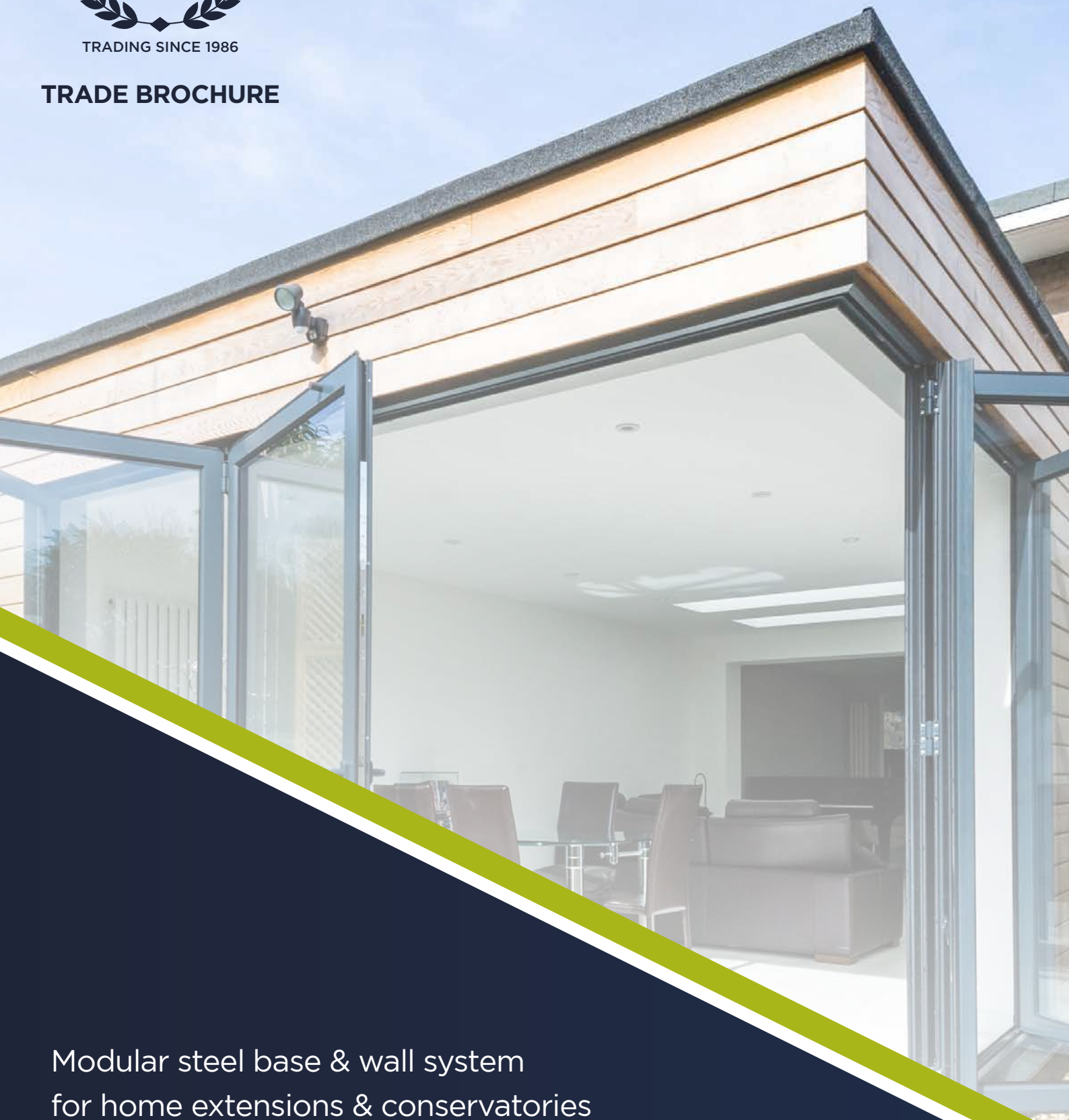


TRADING SINCE 1986

TRADE BROCHURE

DURABASE

BUILDING FOR THE FUTURE



Modular steel base & wall system
for home extensions & conservatories
Quicker, cleaner & more efficient building

www.durabase.co.uk

Introducing Durabase

Durabase is the trading name of Wye Valley Engineering that has been trading as a family business since 1976. The Durabase range was established in 1986, when the first bases were installed for the expanding conservatory market.

Since that time the product has developed to the point that a home extension can now be built to full building regulation specification and approved through JHAI. Achieving floor U values of up to 0.15 W/m²K and Wall U values of up to 0.18 W/m²K, creating greater thermal performance than a traditional build.

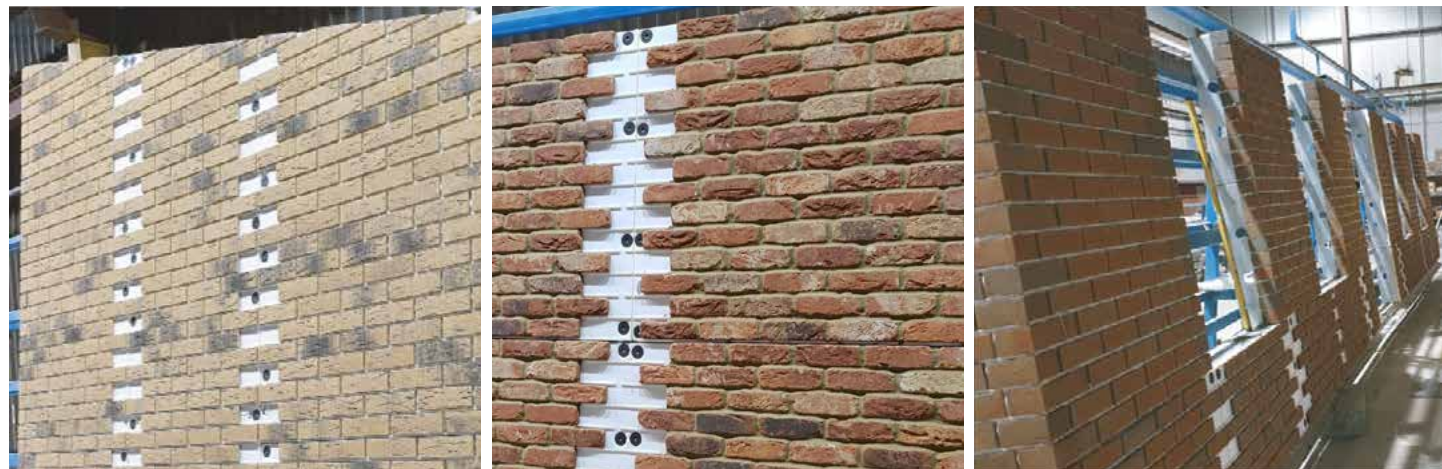
The system is compatible with all door, window and roofing systems and can be constructed by competent installers and fitters, giving your business the opportunity to expand and take on more jobs whilst having complete control of the build process without relying on trades.

If you have any questions my team are always on hand to help and advise on all elements of the products including marketing and sales.

Elwyn Roberts

Elwyn Roberts
Director

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What is Durabase?

Durabase will compliment your full range of conservatories, doors, windows and roofing systems including warm roof systems for Home Extensions. With training provided for installers and fitters, they will find that this is a quick, easy to build system with minimal fuss, and no need for additional trades.

Why Durabase?

With difficulty finding trades, the cost of waste disposal and everything in society getting quicker, customers want fast, efficient construction with minimum disruption to their lives. Durabase offers bespoke, offsite, steel framed modular foundation and wall systems, for easy handling, even in the narrowest of terrace house. It is a full kit, so everything supplied in one delivery, allowing your fitters to arrive on site, construct the complete unit in one easy to manage installation. Quicker for the customer and quicker for your fitter to move to the next job, increasing your capacity and turnover without increasing manpower.

More control over scheduling and build time

Durabase precision engineering, means that all products are delivered to site, having been constructed in the factory, arriving perfectly square and level. This means that you can order your base, windows, doors and roofing system, without the need to re-survey following the base and wall construction. This leaves you in greater control of your schedule and less slippage and waiting around for deliveries.

Approval and Guarantee

Durabase Plus is fully approved with JHAI building control. With the products fitted according to clear instruction and terms and conditions, we offer a 25 year Guarantee on the product, giving you and the customer full confidence in the products.



Why is Durabase better than more traditional systems?

It's quicker, easier, cleaner, cost effective and more straight forward to install than traditional building techniques. It's also covered by the 25 year guarantee and is JHA1 approved. If that's not enough, see more reasons below why Durabase is better than a traditional, wet system:



DURABASE

IT'S QUICKER!

If you choose our foundation base construction, a conservatory or home extension can be built quickly and easily on pad foundations. Once a steel frame base has been installed, real brick modular walls can be put together in a matter of hours.

IT'S EASIER

Once you have submitted your site survey, our sales team will send you the pad plan. In the following weeks your entire order will be delivered for installation. Fitters arrive and everything is ready to go.

LESS MESS, LESS WASTE!

The only foundations required are a number of concrete pads placed at strategic points around the base. This means far less excavation work and waste material to dispose of compared to other methods of base construction.

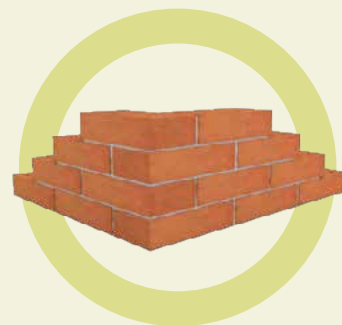
A COST EFFECTIVE SOLUTION

No need for expensive relocating of manholes or drains. When work is required in tight spaces, traditional foundations would need deeper excavation. Durabase can work around existing structures.

WORRY-FREE WITH OUR WARRANTY

A 25 year guarantee gives you peace of mind with Durabase and what's better still is that this is standard across all our products.

VS



WET SYSTEM

LONGER BUILD TIME

With a wet system, there is a need to employ a professional for the duration of the construction, which can take weeks, and increases the cost of the project.

MORE COMPLEXITIES

Traditional, wet systems are often messy and require extra equipment to complete. This can cause complexities if access to the rear of the property is tight as well as the need to have further employees on site to help with multiple deliveries and stages of the build. This method is also dependent on multiple product deliveries turning up on time turning homes into building sites. You can also experience hold ups due to wet and cold weather.

LONGER BUILDING CONTROL CYCLE

Durabase products are JHA1 single storey approved so you can avoid needless building control issues which can delay your extension.

DIFFICULT SITES = DIFFICULT BUILDS

Unlike with Durabase, if you have uneven or sloping sites or maybe a site with difficult access? This can cause issues during build process including delays, and further costs incurred.

How does it work?



Choose the site for your extension. Durabase can be sited anywhere, even on a sloping site.



Install the concrete pads as per the pad plan supplied. Note the lack of mess and disruption!



Attach the steel to the house wall, build and level the base using the adjustable legs.



Attach brick skirt and modular wall to steel base and finish by fixing the bridging tiles in place.



DURABASE
BUILDING FOR THE FUTURE



Quicker



Cleaner



More
efficient

Durabase Plus

Durabase Plus, is a 160 x 80 steel ring beam, designed specifically for home extensions and is the only steel modular base with JHAI systems approval.

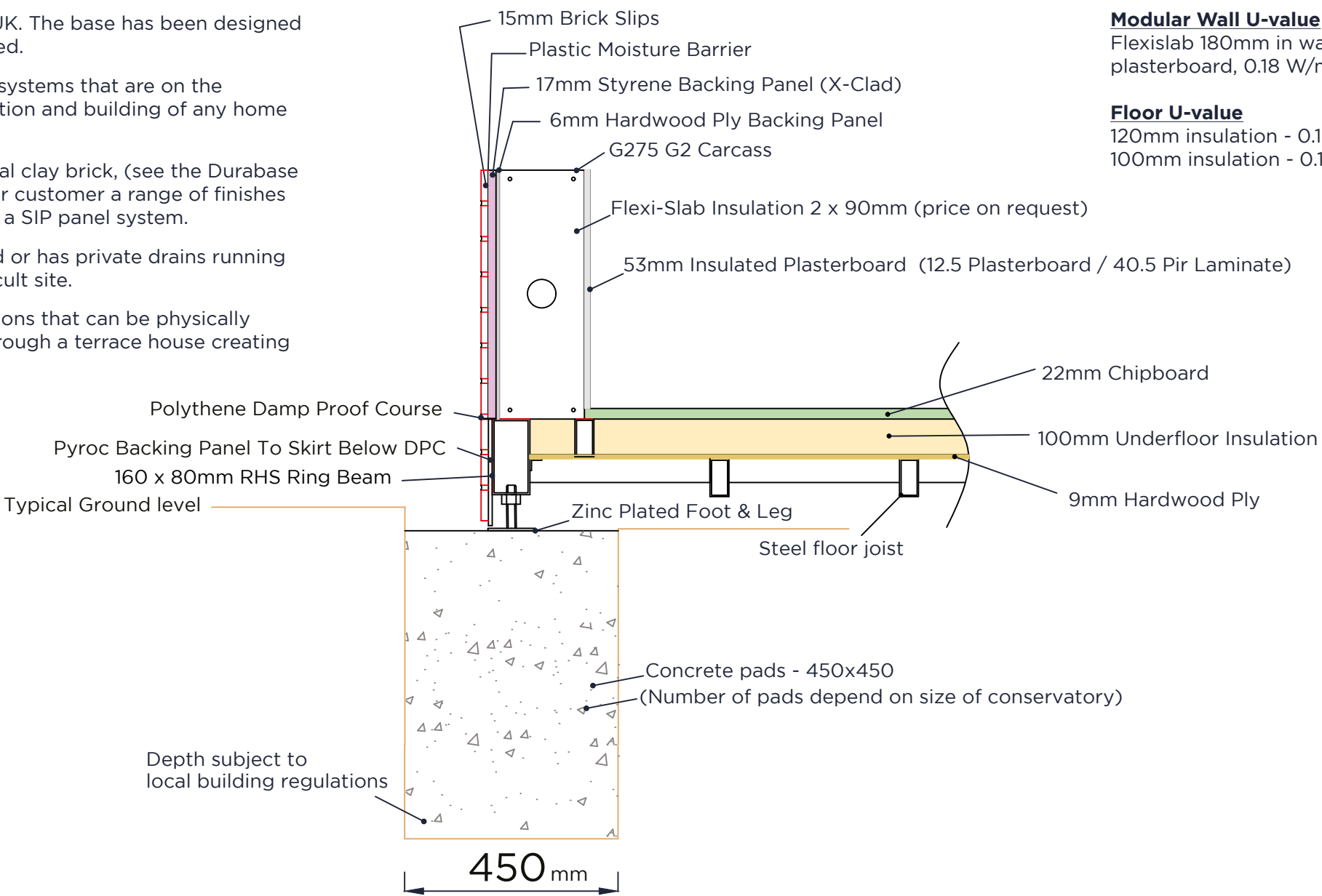
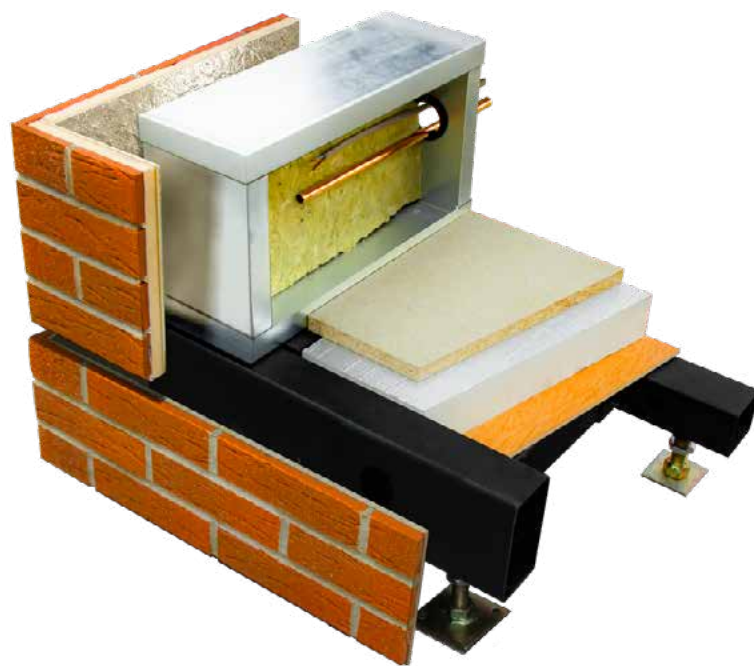
Durabase Plus bases meet building control requirements throughout the UK. The base has been designed for full height walls, pillars and glass where building regulations are required.

The Durabase wall system is compatible with a wide variety of warm roof systems that are on the market today, and many that are also JHAI approved making the construction and building of any home extension quick simple and hassle free.

The Durabase walls can be finished in a range of different finishes, from real clay brick, (see the Durabase Brick Chart) render board or cement particle board. You can also give your customer a range of finishes that you can supply. Durabase modular walls can also be interchanged for a SIP panel system.

There are no limits with this product, if the site is uneven, awkward shaped or has private drains running across the site our engineers will provide solutions for even the most difficult site.

A great advantage to the Durabase modular range is that it comes in sections that can be physically handled and can be manoeuvred through tight gaps, gates, gardens or through a terrace house creating minimal disruption.



Durabase Plus Section Detail

Modular Wall U-value

Flexislab 180mm in wall plus insulated plasterboard, 0.18 W/m2K*

Floor U-value

120mm insulation - 0.15 W/m2K
100mm insulation - 0.18 W/m2K

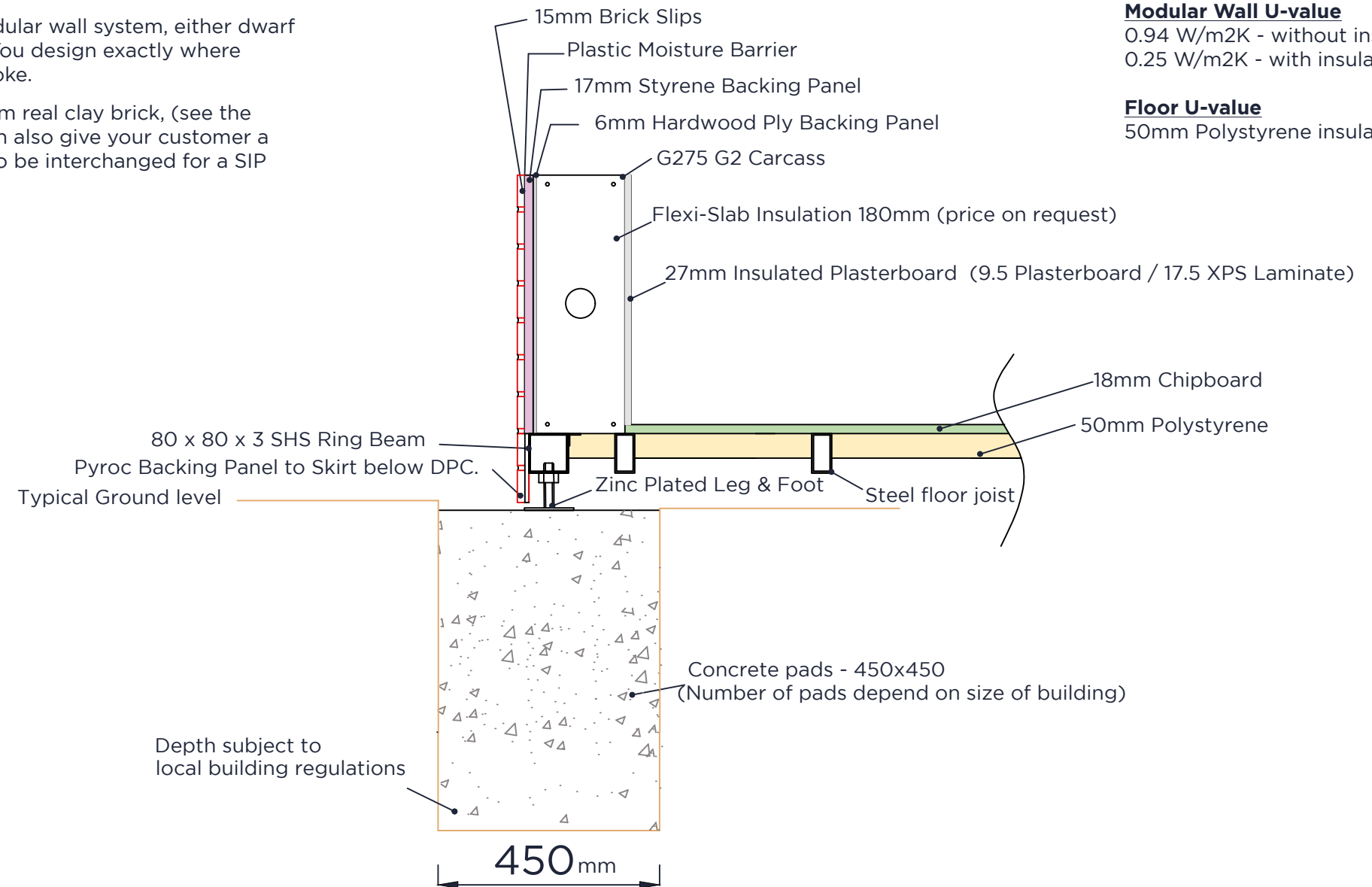
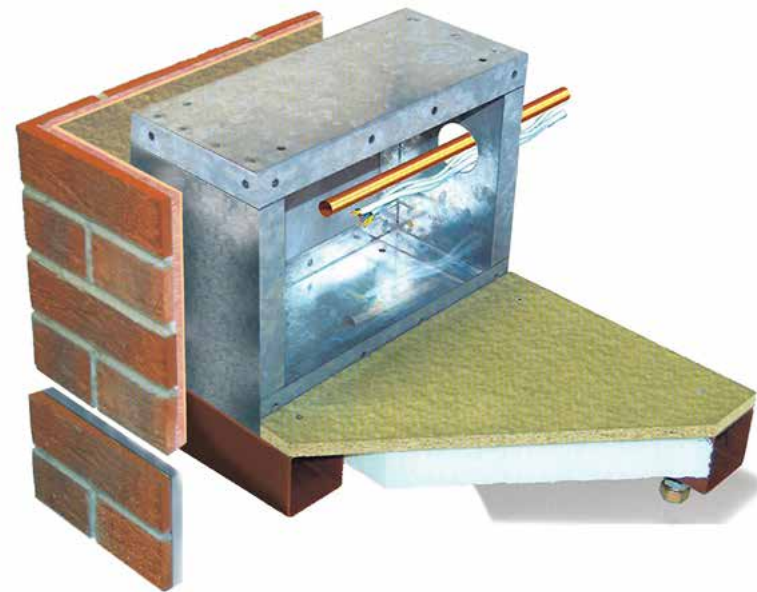


Durabase Standard

Durabase Standard is an 80 x 80 steel ring beam, designed for a typical conservatory situation where the external house door is remaining in place, and not connected to the houses heating system. This is our longest standing product which has not changed much since the early days.

The Durabase Standard base can also be used with the Durabase modular wall system, either dwarf wall or full height wall, that is built to your customers' requirements. You design exactly where windows, doors and other features are fitted, every base is fully bespoke.

The Durabase walls can be finished in a range of different finishes, from real clay brick, (see the Durabase Brick Chart) render board or cement particle board. You can also give your customer a range of finishes that you can supply. Durabase modular walls can also be interchanged for a SIP panel system.



Durabase Standard Section Detail

Modular Wall U-value

0.94 W/m2K - without insulation in the walls
0.25 W/m2K - with insulation in the walls

Floor U-value

50mm Polystyrene insulation - 0.5 W/m2K



Advantages of Durabase as recognised by our customers

Durabase off-site modular construction

Driven by a skills shortage, the construction industry is going through a tough time due to a lack of an experienced, younger workforce. This has had a real knock on effect industry wide with it becoming harder to employ skilled personnel especially for small, short-term projects like extensions. Durabase overcomes these issues as it can be installed without the need of a specialist, such as a bricklayer or carpenter.

It's a tried and trusted form of construction

- Quality guaranteed due to our consistently good manufacturing process.
- JHAI building systems approval.
- A bespoke, engineered product that is tailored to you with on-site adjustability.
- High quality parts throughout all manufacturing processes, from steel to brick slips.
- A brand that has steel manufacturing heritage of over 30 years – we know how to get a quality job done.
- Each model made to be quickly and efficiently built on your building site.

We are proud of our customer satisfaction

- Off-site quality assurance meaning you can be confident in a reduced amount of snagging and defects.
- All parts are delivered to your site, so you can rest assured that your client has minimal disruptions that come with multiple deliveries.
- Less mess than conventional methods meaning no major excavations or waste to be removed from the site.
- No skips, diggers or major construction materials and equipment needed.

Assured technical performance

- Higher levels of thermal performance achieved (all UK specified U-Values achieved).
- However tough your project, we can always overcome your obstacles through our engineering processes.
- Any site, anywhere, it's that simple. Durabase can be constructed on any land, large slopes or steps.
- No specialist workmen or laborers are required
- Offers solutions to on-site drainage issues.
- A number of leading brand roofing systems can be fitted directly to the modular system, allowing you to create your own kit – making it as flexible a system as any.

A reduced build time

One delivery directly to your site – everything you need for building the base and walls! Getting everything delivered to your site increases the speed of your construction, improving scheduled activities and overall productivity. Lead time of 3 weeks on all standard builds with less disruption from scheduling restrictions due to weather.

Flexibility of construction

The Durabase System is compatible with a wide range of UPVC doors and windows as well as light weight roofing systems, allowing you to develop a complete modular build to suit you and your client.

Easy to handle components are made in sections that can be carried through property, minimising damage to client's property and issues with small accesses to the rear.

Environmentally conscious construction

The Durabase factory environment results in tighter control of materials with the use of CAD and automation allowing material usage to be optimised.

Therefore, the production of elements can have much lower resource inputs and reduced waste outputs compared with on-site construction. The substitution of traditional methods with on-site systems corresponds to a reduction in waste of between 20 and 40%.

The result for you

So, what does this all mean for you? Well, Durabase leaves you in control resulting in you getting more done in less time! What's more with a guarantee of 25 years you and your customers can be assured you are in the safe hands of a company that is proud of its work and reputation.



DURABASE

E X P E R I E N C E

Hands on training and development for your sales teams and fitters. We offer a training sessions to get you underway and build your teams confidence in how to sell and install the the Durabase range. For more details visit www.durabase.co.uk or call 01432 266507



JHAI BUILDING CONTROL PROCESS

JHAI - we've taken control of the whole process - from order to end!

www.durabase.co.uk/how-do-we-do-it/#JHAI

JHAI are independent building control inspectors, but all of this work is registered with your local authority, and your certification of completion will come from your Local Authority.

“Letting your customer live the dream”



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