

# DUR<sup>^</sup>BASE

BUILDING FOR THE FUTURE



TRADING SINCE 1986



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





## What is Durabase

The Durabase System is a tried and tested alternative to the old-style method of building foundations. From conservatories to single storey home extensions, Durabase offers a simple, stronger and faster solution to some of the issues experienced with a traditional build. With less mess, no hassle and only taking a fraction of the time, the benefits speak for themselves.

## Why Durabase?

Durabase is a bespoke, strong steel framed modular foundation and wall system that is built offsite causing less mess and disruption. The Durabase System arrives in sections for easy handling, so even the narrowest of sites with difficult access are not a problem. Everything you need comes in one delivery and is able to be built in a fraction of the time compared with the old-style method.

## The Benefits

**It's Quicker** – the easy to install sections are put together in hours!

**It's Easier** – uneven or sloping sites, access issues are not a problem for Durabase.

**It's Cleaner** – The smaller pad foundations minimise the amount of disruption to site causing far less mess than other methods.

**It's Cost effective** – No need to move manholes, drains or other obstructions\*. The bespoke nature of Durabase can overcome most obstructions, shapes or sizes of site. \* subject to local permissions

**Peace of Mind** – The Durabase System comes with a 25-year guarantee.

## The Finish

The Durabase System comes pre-bricked and mortared in a wide variety of brick finishes. It can also be supplied with a ready to render finish, or a plain board suitable for cladding.



## The Tech

### Durabase Standard

Our standard and original base is an 80x80mm steel ring beam, designed for your typical conservatory or sunroom, where the external house door is remaining in place and not connected to the house heating system.

This has a floor has a U-value of 0.5/W/m2k – with 50mm Polystyrene Insulation.



### Durabase Plus

This is a 160x80mm steel ring beam that has been especially designed for home extensions or projects requiring building regulations. It has JHAI Ltd systems approval for building regs in England and Wales, making the whole build simple and hassle free.

The insulated floor has a starting U-value of 0.18 W/m2K up to 0.15W/m2K  
The modular walls have a u-value of 0.94 W/m2K (uninsulated), but when fully insulated reach a U-value up to 0.18 W/m2k.



Quicker



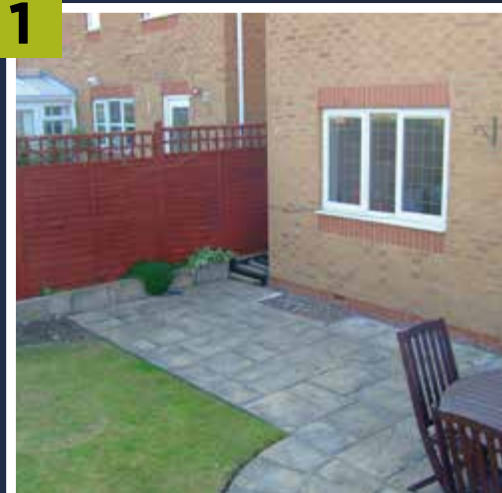
Cleaner



More  
efficient

## How does it work?

1



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

2



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

3



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

4



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



### DURABASE FOUNDATION

This is a steel foundation system, consisting of a steel outer ring beam and internal joists, fabricated by our engineers to millimetre precision to meet your specification.

### DURABASE WALLS

These are pressed galvanised modular units, that can be finished in a wide range of Bricks, Stone, Render ready or plain particle board for the finish of your choice, and all in manageable individual units.

### BASE TYPES

**Durabase Plus** – 100x120mm ring beam that has JHAI systems approval for single storey home extensions.

**Durabase Standard** – 80x80mm ring beam – for your conservatories and buildings that don't need building regs approval.





## 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.

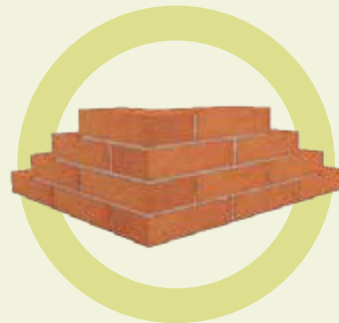
### A COST EFFECTIVE SOLUTION

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 JHAI single story 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 the build process including delays, and further costs incurred.

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[www.durabase.co.uk](http://www.durabase.co.uk)