

INTRODUCING FABSPPEED



FabSpeed UK  
OFFSITE BRICKWORK SOLUTIONS

The modern way to achieve  
a traditional appearance.

**Contact us.**

Website: [www.FabSpeed.uk](http://www.FabSpeed.uk)

North: 01484 865 572

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Email: [sales@FabSpeed.uk](mailto:sales@FabSpeed.uk)





## WHY CHOOSE US?

Brick arches have been used since the dawn of construction, many examples of arches from the Roman period remain looking as good today as when they were first built. Brick arches are a quick and easy way to enhance the appearance of any building.

## TRUSTED SUPPLIER FOR HIGH QUALITY PRODUCTS

- ✓ Brick slips are precision cut on the most up to date CNC machines ensuring a perfect cut.
- ✓ Authentically replicating traditional or complex brick detailing on any style.
- ✓ Delivered on pallets clearly marked for which plot the arch is used on.
- ✓ Restoration arches available for historic buildings or new build in traditional style.

## WHAT WE DO?

We ensure that the finished design and quality of a building isn't compromised. We provide drawings for every project for approval and there is no site installation of brick slips required on site.

All of our prefabricated arches are manufactured in ISO:9001 quality controlled conditions.



### SOFFIT OPTIONS

Our lightweight arches can only be supplied front faced, however if you require the underside of the arch (the soffit) to be bricked we can produce these structurally.



### LOOSE CUT

As well as Lightweight, Concrete & Steel arches, FabSpeed can supply arches without being prefabricated to any backing. For a traditional built arch but with factory controlled cutting.



### CONTROLLED CONDITIONS

Our Arches are produced offsite in a factory controlled conditions which ensures that the bonding process occurs in optimum controlled conditions free from wet weather, extreme temperature and excessive dust.



### QUALITY GUARANTEED

FabSpeed acknowledges the issue of skilled shortages onsite, reducing the requirement for specialist trades & facilitating faster build programmes. Our products offer builders a unique way to enhance the quality of their brickwork detailing.

**WE EMBRACE YOUR JOURNEY, STRIVING TO REMAIN YOUR TRUSTED SUPPLIER THAT DELIVERS ON SERVICE, INNOVATION AND QUALITY TO ALL OF OUR CLIENTS.**

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AT FABSPPEED WE TAKE GREAT PRIDE IN OUR PRODUCTS AS IT'S VITAL TO OUR FUTURE SUCCESS.

### COST EFFECTIVE LIGHTWEIGHT SOLUTIONS.

Lightweight arches are quick and easy to install and economical to use with a "bigger picture" cost saving compared to building arches on site.

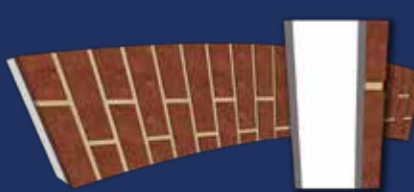
FabSpeed will guarantee it's brick arches for a period of 15 years on lightweight brick arches from the date of purchase against faulty materials and workmanship.

To discuss your specific arch requirements email us at [sales@fabspeed.uk](mailto:sales@fabspeed.uk) or you can call either office 01484 865 572 or 01491 614 774.



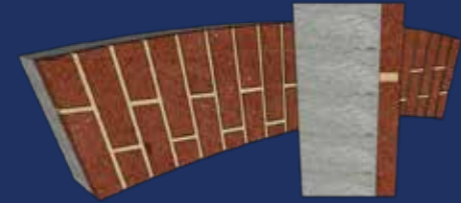
### LIGHTWEIGHT, CONCRETE OR STEEL?

Our customers' requirements for forming arches vary considerably and therefore so do our solutions. The traditional brick arch built on site is a time consuming and difficult task taken on only by experienced tradesman.



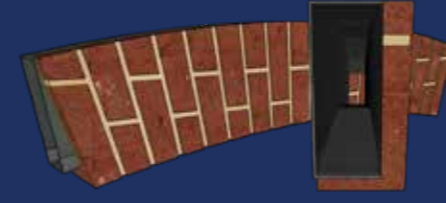
LIGHTWEIGHT ARCH

These arches provide a lightweight solution for quick installation without the need for lifting equipment.



CONCRETE ARCH

Fully structural arch system which omits the need for steel but is heavier. Slips are cast onto the rear face of the arch.



STEEL ARCH

Fully structural and with all the advantages of concrete but has the added benefit of less weight and increased span capabilities.

### TESTING.

Our arches are currently being tested by the BBA. We are in regular correspondence with Richard Smith (Head of Standards, Innovations and Research at NHBC) and he specifically mentioned we are on his "approved" list of companies that have satisfied his demand to enter into meaningful discussions on testing with BBA. For further information please do not hesitate to contact us.

### OUR TRACK RECORD.

Originally Fab-Lite & Litespeed were established in 2005 & 2006 respectively for the sole purpose of providing lightweight solutions for the construction industry.



STEEL LINTELS

We don't just manufacture arches, we can produce prefabricated lintels in concrete and steel as well.

These offer a quick and simple way of creating deep soffits above your window and door openings. Our lintels are ideal where speed is important but you still require the traditional brick facing.

# LIGHTWEIGHT ARCHES



**FLAT GAUGED ARCH**  
One of the most popular styles. This typical flat gauged arch suitable for all kinds of openings. This Arch usually has a Brick & Bat pattern and are made between 3 to 5 courses high.



**SEGMENTAL ARCH**  
Segmental Arches are made up of a number of identically and slightly angled bricks which form the shape of the arch when assembled. Typically manufactured at 215mm high.



**SEMI-CIRCULAR ARCH**  
Like Segmental Arches each brick is the same, but the shape is continued round to form a semi-circle. Keystones are optional and can be included in our prices if required.



**SOLDIER LINTELS**  
The Soldier Lintel is a simple but effective design. Normally built traditionally on site but some developers do prefer the neater and more precise approach that factory conditions provide.



**BESPOKE ARCH**  
We produce many different styles of voussoirs from the standards above to the more complicated craftsmanship including; Bullseye Arches, Gothic Arches, Parabolic Arches and Apex Arches.

**All brick arches are manufactured off site to ensure factory made quality standards. Arch types are available either load bearing with an integral load bearing element or non-load bearing that require a support lintel making our arches easy to install.**

Stone has long been the symbol of quality and stability and associated with prestige building developments. Through the use of the latest technology with CAD facilities, and modern materials, we are able to replicate even the most intricate architectural detailing, whilst not compromising on quality. When installed, you would not be able to distinguish our product from real cast-stone, yet our products come at a fraction of the weight; removing the need of additional reinforcement to achieve such detailing - A cost saving in itself.



# CONCRETE ARCHES

In addition to cosmetic, pre-fabricated arches, FabSpeed provide one piece fully structural arch solutions consisting of brick slips bonded to either concrete or steel backing.

Designing load bearing complex brick faced lintels and arches can be daunting but not anymore.

A fully structural one piece arch system which removes the need for steel lintels. 25mm brickslips are bonded to the concrete units. Our arches are produced with stainless steel bearing plates for simple installation.

This proposition provides cost effective alternatives to traditional building methods and is considerably lighter and easier to install.

Full structural calculations and technical drawings are available for each bespoke arch to satisfy your Building Control officer.



## STEEL ARCHES, LINTELS & BOLT UPS.

Steel arches are fully structural, and come with all the same advantages of the Concrete Backed system.

Our Stainless Steel arches and lintels have the added benefit of less weight and increased span capabilities.

The Fab-Steel Stretcher Bond Lintel Range is designed to allow an opening to be created in a single leaf of masonry, typically the external leaf of a cavity with an integrated brick slip soffit feature.

The brick slip soffit feature is bonded to the lintel carrier using a specially formulated resin adhesive in a stretcher/running bond to match seamlessly with the facing brickwork and reveals where relevant.

Not only do we supply arches and lintels but our steel soffit bolt ups are a lightweight non structural brick faced stainless steel component, they are supported from above by the masonry support with a simple bolt connection detail.



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Case Study.....

# SHREWSBURY SCHOOL

The Shrewsbury School large steel arches were manufactured for high level installation. Where complex brick cutting and fabrication is required (12 course high and 3 brick deep soffits). However, the best was yet to come with the Architect wanting to create a Segmental arch across the front entrance to the building that spanned more than 12 meters and again required a deep soffit return.

The design team on the project included the Main Contractor, Structural Engineer, Architect and Brick supplier to ensure we were able to meet all their requirements.

We produced a stainless steel lintel in three pieces that enabled the brick arch to be transported to site before being assembled under our supervision and then rotated into position. The finish was well worth all the hours of discussion on how best to achieve it and is one arch we are rightly proud to have been involved in creating!



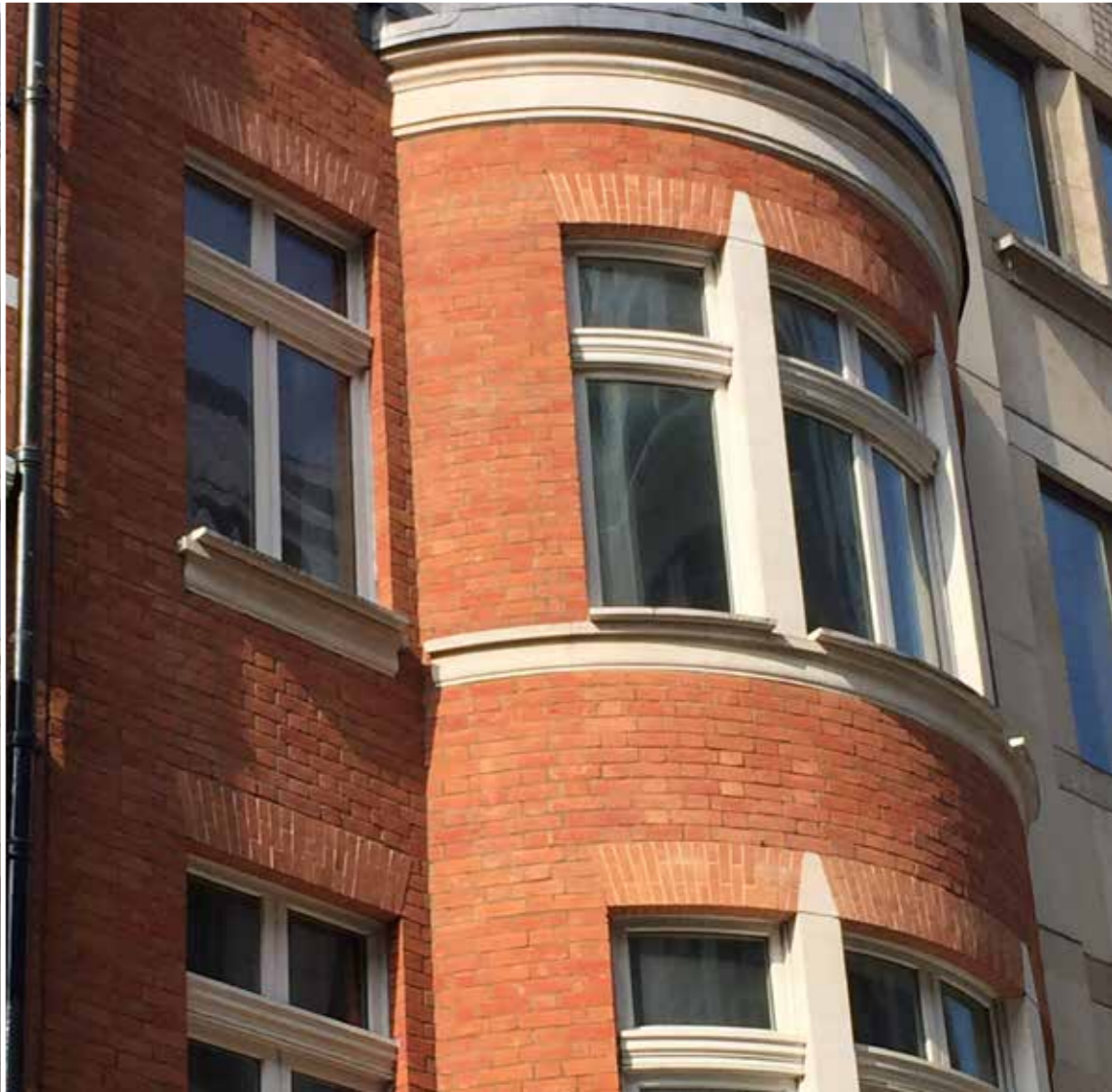
# Stratton Street, Westminster

Consistency and quality were essential when replicating the intricate brickwork elements throughout this project.

To create the arches on this site in Westminster using traditional methods would have been a time consuming task requiring a great deal of skilled labour and brick cutting onsite.

However, FabSpeed's offsite prefabricated arches provide greater certainty for project delivery within the ambitious construction schedule.

FabSpeed is always customer focused and going the extra mile. We did more than just supply the arches to order. We designed 2D CAD drawings and visited site numerous times to ensure we manufactured the right arches for when the customer needed them.





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