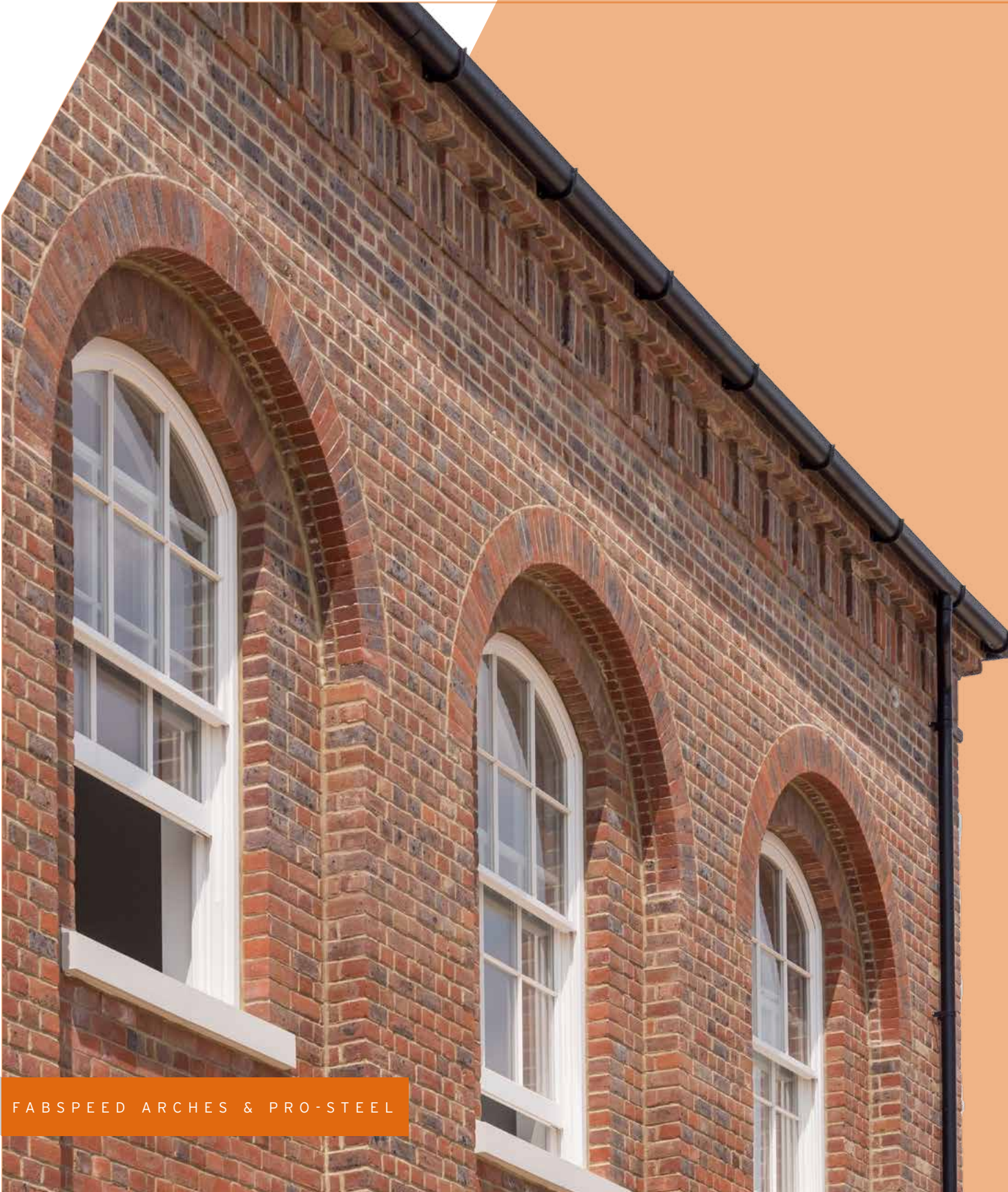


FabSpeed™



ARCHES

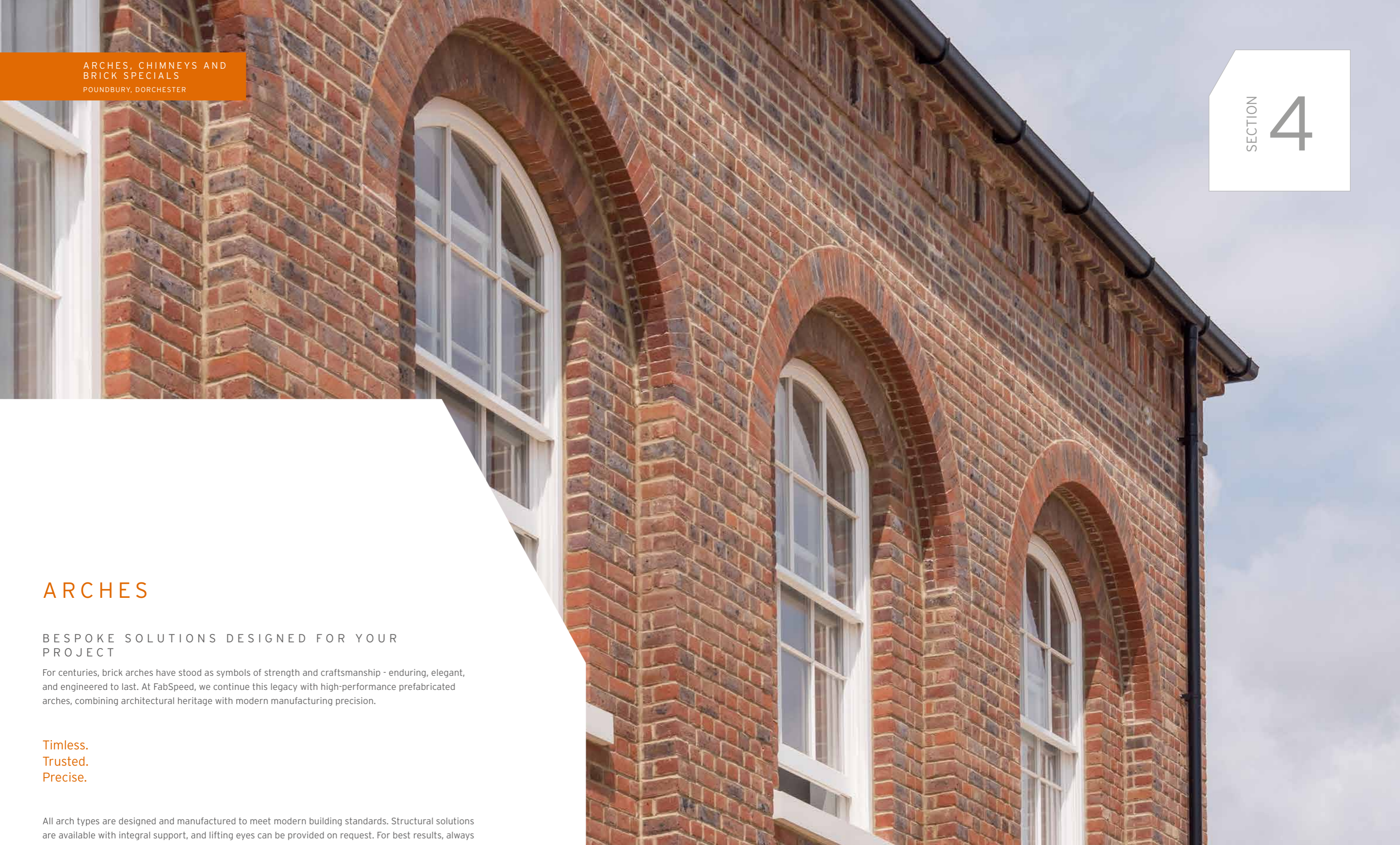
BESPOKE SOLUTIONS DESIGNED FOR YOUR PROJECT

For centuries, brick arches have stood as symbols of strength and craftsmanship - enduring, elegant, and engineered to last. At FabSpeed, we continue this legacy with high-performance prefabricated arches, combining architectural heritage with modern manufacturing precision.

Timless.
Trusted.
Precise.

All arch types are designed and manufactured to meet modern building standards. Structural solutions are available with integral support, and lifting eyes can be provided on request. For best results, always follow standard installation procedures and lifting guidelines.

FabSpeed Lightweight Arches are certified under BBA certificate 21/5931. For additional support and information please contact our sales team.



ARCH STYLES



CIRCLE BASED ARCHES

This category includes Bullseye, Segmental and Semi-Circular arches. All are factory-built to precise templates, ensuring clean curves, accurate geometry and flawless detailing. These arches are well suited for entrances, focal openings, or as decorative features on façades.



ELLIPTICAL ARCHES

Favoured in period architecture, elliptical arches offer a soft, elegant profile that suits both traditional and transitional designs. FabSpeed offers 3-Centred, 5-Centred, Semi-Elliptical and standard Elliptical profiles, fabricated to match your precise measurements.



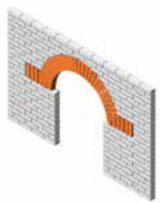
POINTED ARCHES

Reflecting the grandeur of ecclesiastical design, our pointed arches include Lancet, Tudor, and Gothic profiles. These arches bring a distinct visual identity and can be produced with structural backing to support long-term use in demanding environments.



FLAT GAUGED ARCHES

Crisp, linear and subtle, flat gauged arches are ideal for modern or conservation-led schemes. They replicate traditional bricklaying techniques with the benefits of off-site construction. Perfect for window heads and refined architectural detailing, they are quick to install with minimal site disruption.



SPECIALISED ARCHES

For unique requirements, our bespoke arch service allows for complete customisation. Whether replicating heritage stonework or developing new profiles for contemporary schemes, FabSpeed can produce Queen Anne, Parabolic, Hybrid, or fully custom profiles tailored to your design.



LOOSE CUT BRICKS

For those who prefer to build arches on-site, FabSpeed can supply factory-cut arch bricks without backing. Our experts ensure every unit is perfectly shaped, saving time and reducing waste on-site.

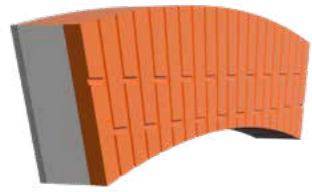
FabSpeed supplies arches with 10mm joints, unless specified, allowing for quick and easy pointing on-site. Where a more traditional appearance is desired, joints can be reduced to around 3mm, where we pre-point in our factory for accuracy and a consistent finish.

ARCHES
GREAT SCOTLAND YARD, LONDON





MATERIAL OPTIONS



LIGHTWEIGHT ARCH

Ideal for speed and simplicity, our lightweight arches are constructed using SIPCO cement particle board backing at 102mm thickness. These arches offer a low-weight solution that can be installed without the need for mechanical lifting. Designed for non-load bearing applications, they maintain excellent visual accuracy while reducing time and labour on-site.



CONCRETE ARCH

Fully structural and suitable for a wide range of openings, FabSpeed's concrete-backed arches provide a high-strength option for supporting loads above windows and doors. Brick slips are bonded directly to the concrete face, allowing for excellent adhesion and structural integrity. These arches are suitable for both domestic and commercial schemes and are available in any size or profile.



STEEL ARCH

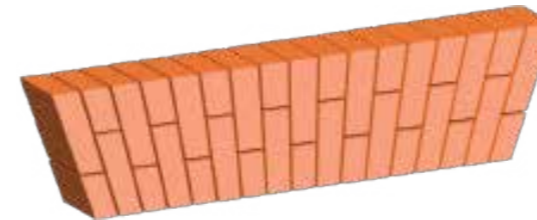
Offering similar benefits to concrete arches, but with increased span capability and reduced weight, our steel-backed arches deliver strength and efficiency in one solution. These are ideal where structural performance is required alongside ease of handling and faster installation. Steel provides flexibility in design while maintaining long-term durability.



PREFABRICATED LINTELS

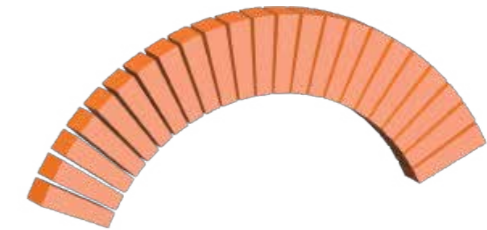
In addition to arches, FabSpeed produces prefabricated lintels in both concrete and steel. These are particularly effective for creating deep soffits or consistent detailing across elevations where brickwork needs to span over openings. Prefabricated lintels offer a fast-track solution without compromising the aesthetic of traditional brickwork.

BOND PATTERNS



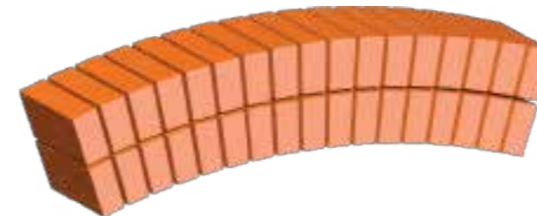
BRICK & BAT

A classic and widely used pattern. Brick & Bat arches are typically manufactured at three, four or five brick courses in height (215mm, 290mm, 365mm), with a 10mm joint for on-site pointing. Bonding patterns at taller face heights may consist of a 2-3 or 3-4 pattern. Custom heights and joint widths are available to match specific requirements.



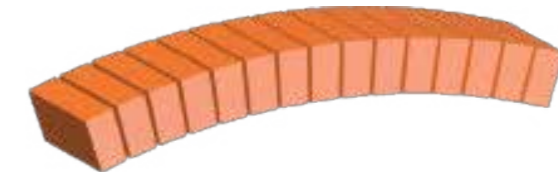
SOLDIER HEADER

Using full-length bricks cut to varying widths, Soldier Headers are ideal for segmental and flat gauged arches. Standard height is 215mm (3 courses), but customisation is available on request. This pattern provides a bold, structured aesthetic.



DOUBLE HEADER

This pattern uses two half bricks per unit to form a full-height pattern, available at 215mm height as standard with a 10mm mortar joint. Double Header arches are well suited to segmental profiles and feature elevations.



SINGLE HEADER

Composed of a single course of half bricks, Single Header arches are manufactured at 102mm high and supplied with a 10mm mortar joint. A minimal, clean solution for contemporary detailing or smaller openings.

PRO-STEEL LINTELS & BOLT-UPS

SMART DESIGN, SEAMLESS INTEGRATION.

FabSpeeds Pro-Steel lintels are designed to simplify soffit and lintel construction. Manufactured from high-grade stainless steel, these BBA Certified units provide a fast, consistent solution where speed, finish, and reliability are essential. When using our Pro-Steel units, we can collect bricks directly from site to ensure a perfect batch match. These are then cut into slip form, bonded to the lintel, and finished to deliver a seamless, high-quality appearance that integrates effortlessly with surrounding masonry by matching any bond needed.

Pro-Steel soffit bolt-ups are economical, non-structural components made from stainless steel for use below 18 metres. Their lightweight yet durable design offers versatility in bond patterns and soffit styles, making them a practical choice for achieving "hanging" brickwork. For larger spans or structural applications, Pro-Steel units are also available as fully structural components, offering the same visual consistency with the added strength required for load-bearing use.



PRO-STEEL LINTELS
CLARENDON CLOSE, LONDON

PRO-LOCK

ENGINEERED PERFORMANCE FOR HIGH-RISE PROJECTS

Pro-Lock is FabSpeed's precision-engineered solution for mechanically restrained, brick-faced soffits and lintels for use at height. Built around a robust stainless steel backing, it combines factory-bonded slips using A2-rated adhesive with mechanical fixings for enhanced durability and security. Pro-Lock is a BBA Certified system, offering options for both non-structural and fully structural units to suit a wide range of applications-particularly suited to mid to high-rise developments. Compatible with Michelmersh clay bricks and other suppliers' products, Pro-Lock delivers the quality, speed, and visual consistency that modern construction demands - all manufactured off-site under controlled conditions for complete reliability.



PRO-LOCK SOFFITS
GREAT MOOR STREET, BOLTON

Prefabricated precision,

built for the real world



As part of the Michelmersh Group, FabSpeed is built on the same precision, performance, and pride in the detail. We specialise in high-quality prefabricated components that simplify complex brickwork, reduce build time, and raise standards on-site. Backed by engineering expertise and trusted across the industry, we deliver practical solutions that bring lasting value to every project.

FabSpeed holds the following accreditations:

- **Quality Management ISO9001**
- **Energy Management ISO50001**
- **Responsible Sourcing BES6001**

FabSpeed™

FabSpeed
Freshfield Lane, Danehill
Haywards Heath
Sussex RH17 7HH

Tel: 0844 931 0022
Fax: 0844 931 0021
sales@fabspeed.co.uk
www.fabspeed.co.uk