

Arches

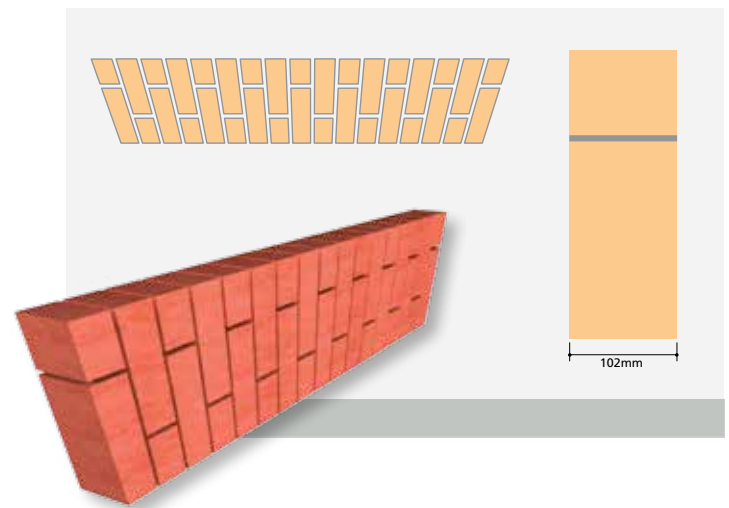
Arches are a traditional feature of brickwork over openings and can vary from the simple flat arch detail to the highly decorative. We can supply a solution to meet the requirements of your project, ranging from a traditionally built arch to a large scale precast arch or drive-through.

Non Structural

Loose Arches

Loose arch sets were the traditional method of arch supply and construction. They made up the majority of all arches which were supplied up until recent years and are still preferred by some heritage bodies and contractors with "traditionally skilled" bricklayers. They are supplied as individual units and are available in any length. They can be delivered quickly due to the simple nature of their manufacture.

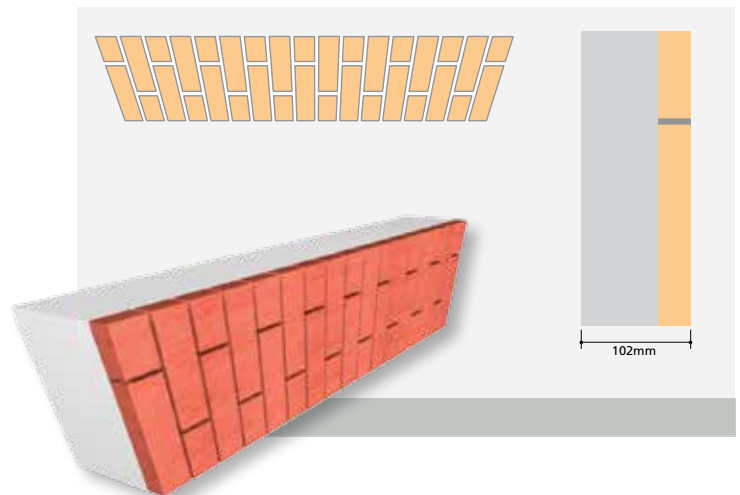
Although loose arches can be self supporting, they should be used in conjunction with steel lintels in most situations. Full fair faced soffit.



Litearch

The Litearch is a revolutionary arch system which allows quick and simple arch construction with minimal skills. It is prefabricated in the form of a medium density concrete block backing, reinforced with UPVC, and then 30mm brick arch slips are bonded to the face to finish. They are provided in easy to handle units of less than 20kg. These can be pointed on the ground and simply lifted into position on a standard steel cavity lintel.

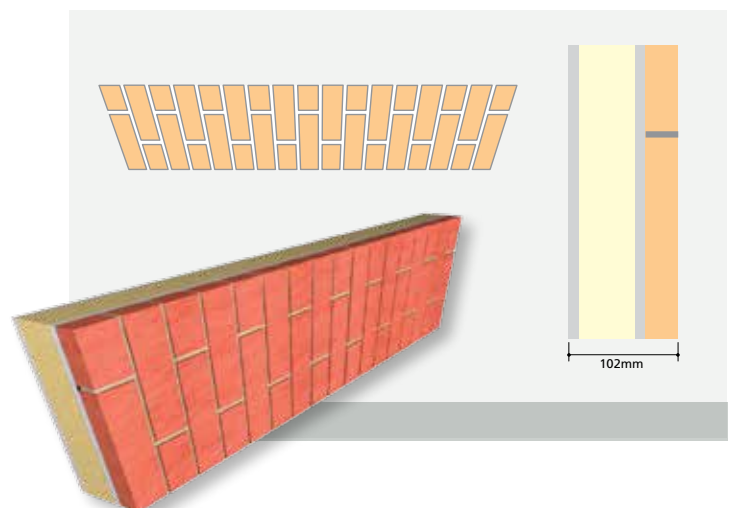
They have a compressive strength of 3.5N/mm² and can be manufactured in one piece to a maximum 1500mm span and available sectionalised to any length. Maximum 25mm fair faced soffit.



Hyperlite Arch

All the benefits of the Litearch but lighter still. Constructed using a high tech backing material this system also incorporates 20mm brick arch slips which are bonded to the face to finish. Pointed on the ground and used in conjunction with a standard steel cavity lintel.

They have a compressive strength in excess of 13.0N/mm². The Hyperlite arch can be produced in one piece to a maximum 2000mm span and can be sectionalised to any length. Maximum 20mm fair faced soffit.

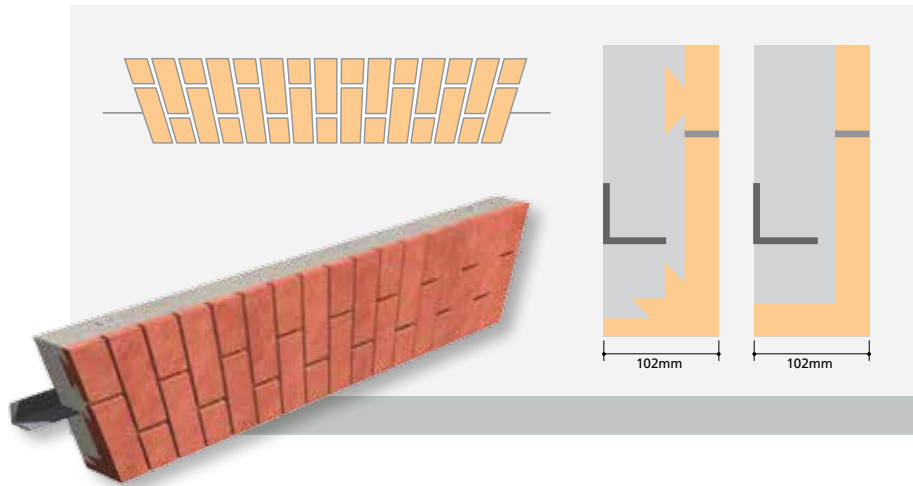


Structural

Structural Concrete Backed

A fully structural one piece arch system which omits the need for steel lintels. 25mm brickslips are epoxy resin bonded to the concrete backing units or alternatively a concrete backing is cast onto the rear face of the brick arch slips forming a natural mechanical key. Both systems are produced with stainless steel bearing plates for simple installation.

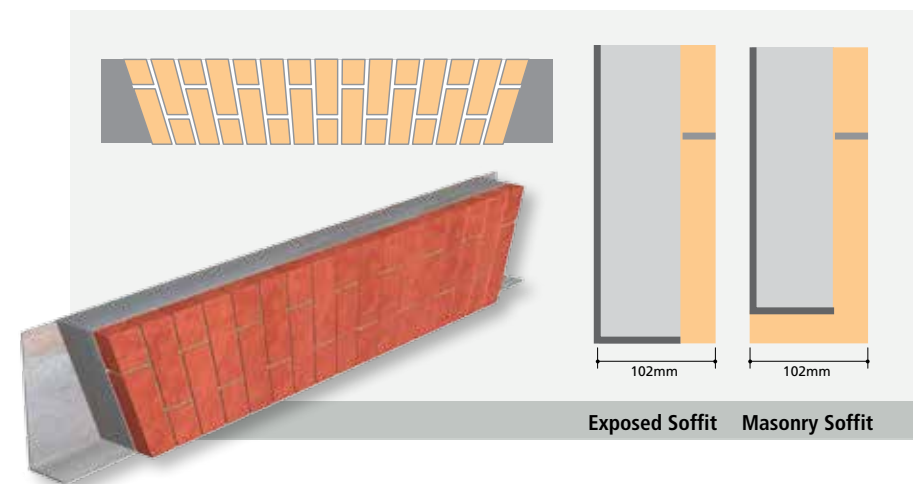
A fully fair faced soffit can be achieved upon request as illustrated. Available to lengths of approx 4000mm.



Stainless Steelback

Fully structural, and with all the advantages of the Concrete Backed system, the Stainless Steelback has the added benefit of less weight and increased span capabilities. Available with 102mm fair faced soffit (upon request). Maximum length: approx 4000mm.

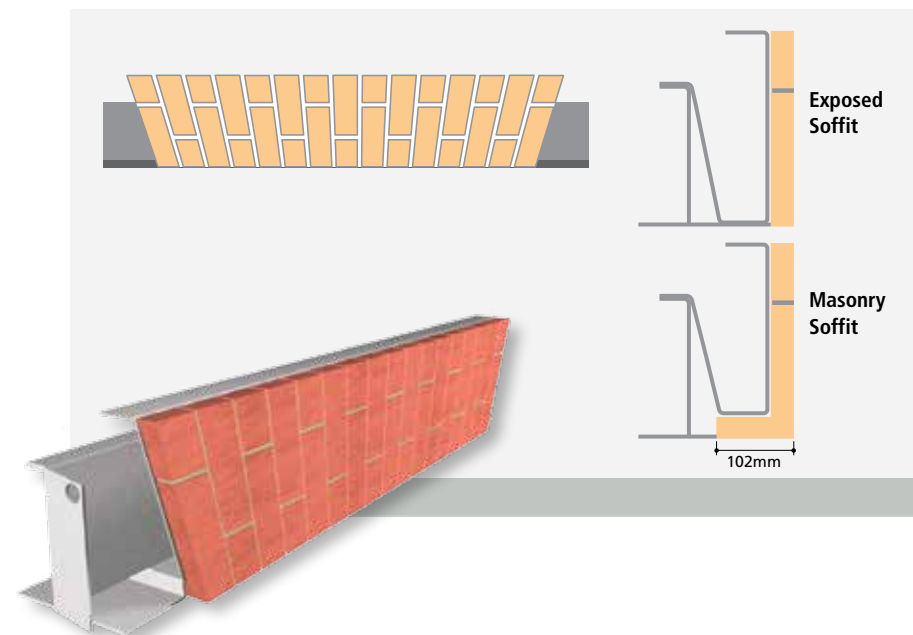
Note. The inner skin blockwork would require independent support.



Stainless Steelback Cavity

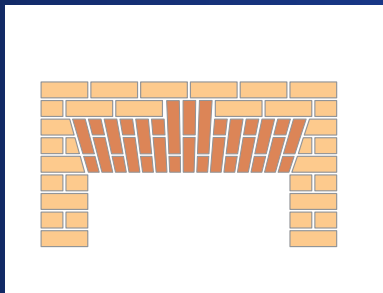
The premier, do it all arch in the Istock Kevington range, the Stainless Steel cavity arch provides the support for the inner and outer skins. It includes the unique Lintray system which guides any cavity moisture away from the face. These lintels are insulated to British Standard. Commonly used for fine Flat gauged arch construction with pre-pointed joints. Available with 102mm fair faced soffit (upon request).

Maximum length: approx 4000mm.

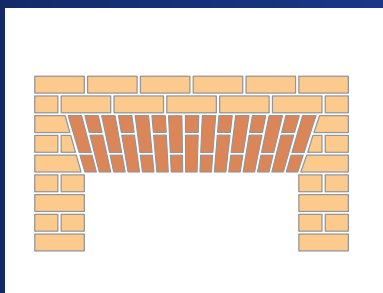


Arch Selector

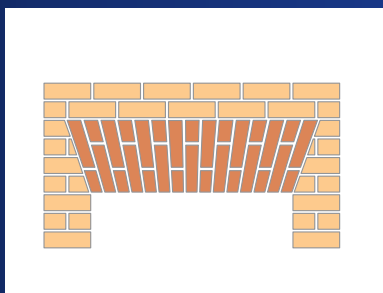
Flat Gauged Arches



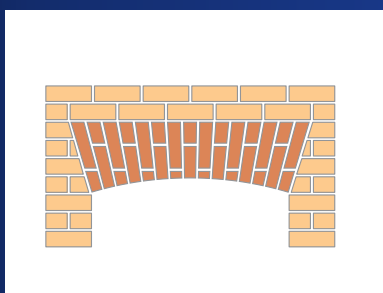
Ardingly



Felbridge

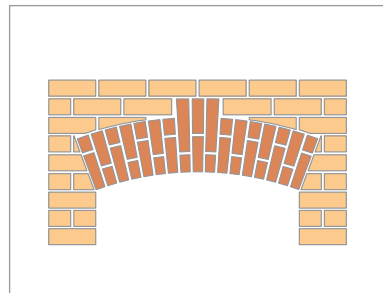


Malvern

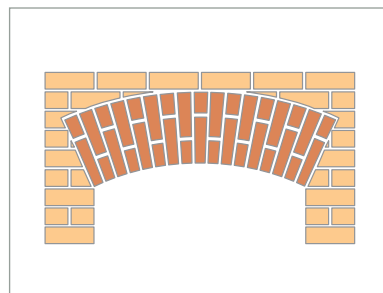


Stratford

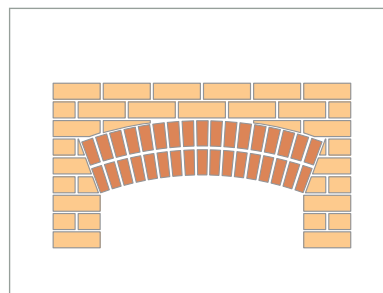
Segmental Arches



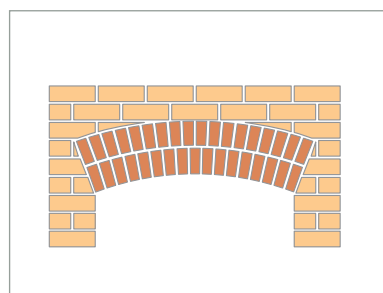
Bosworth



Chelsworth

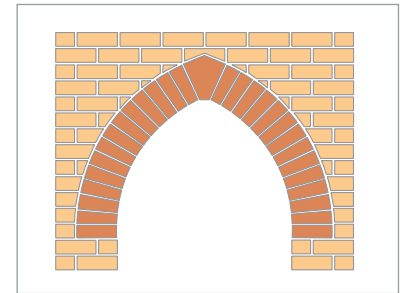


Double Rochford

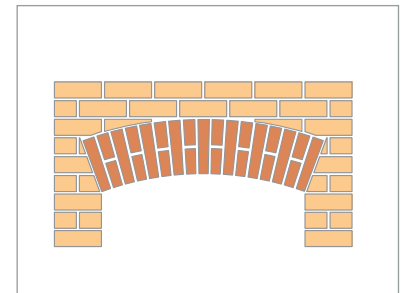


Heyford

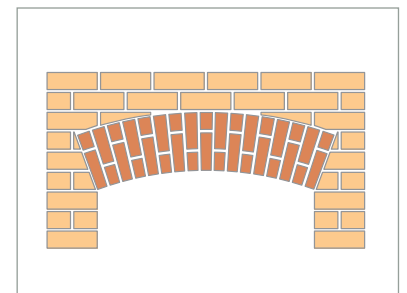
Gothic Arches



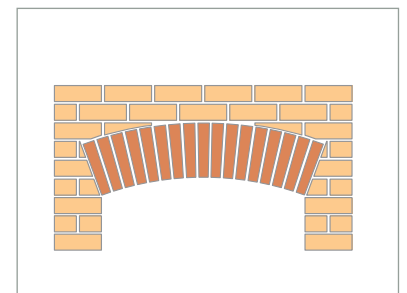
Pendlebury



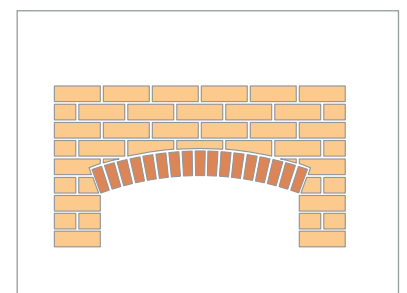
Hartfield



Kimpton



Melton

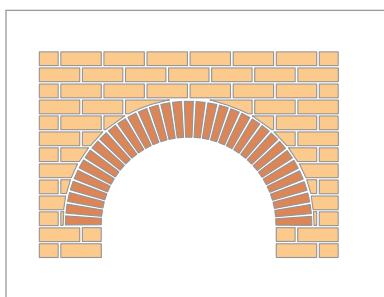


Rochford

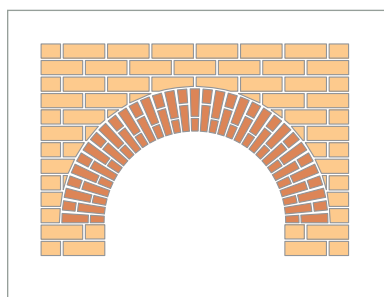


Many arches are light enough for a one man lift. Where the weight exceeds this, we insert lifting points for a mechanical lift.

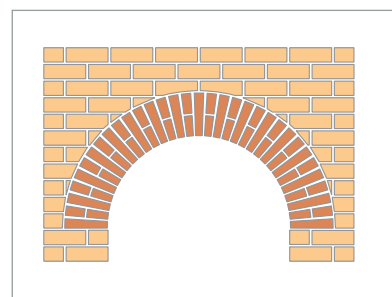
Semi-circular and Bullseye Arches



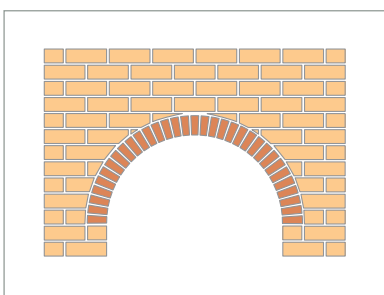
Tenbury



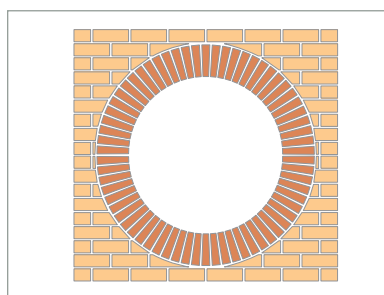
Tintern



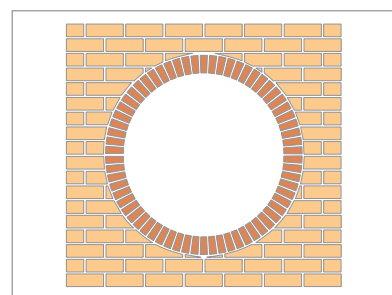
Streton



Witley



Ashurst



Bowden

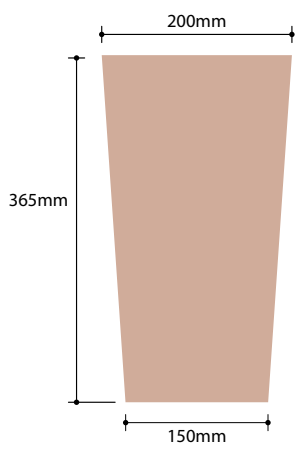
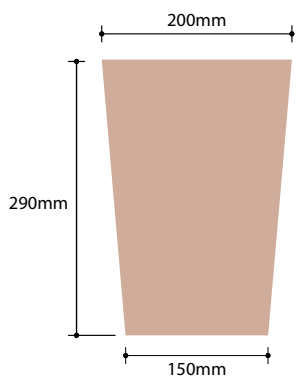
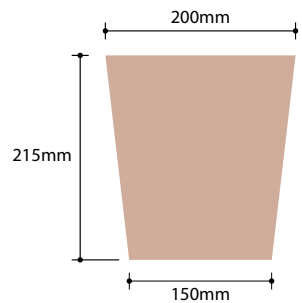
Arch Selector

Keystone Arches

Keystones are a traditional arch detail and make an attractive feature. They can be incorporated into your arches in a variety of brick or natural stone coloured elements.



All the arches are available with the following range of keystone sizes



All arches are available in the following range of keystone colours:



Glamis



Sherwood



Portland

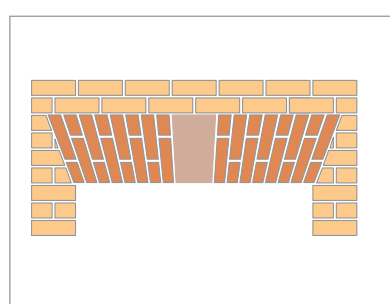


Holyrood

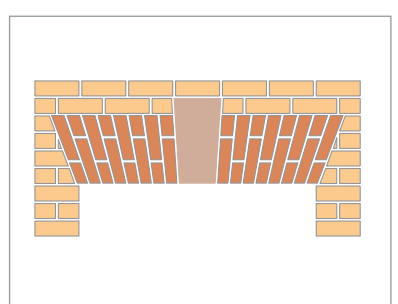
The colours are the best photographic reproduction will allow, however selection should be made from physical samples, which are available on request.



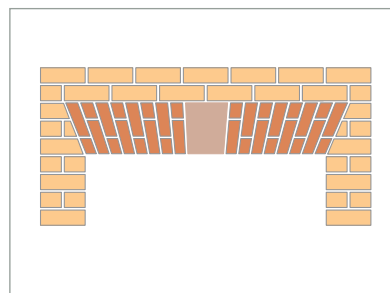
Bath



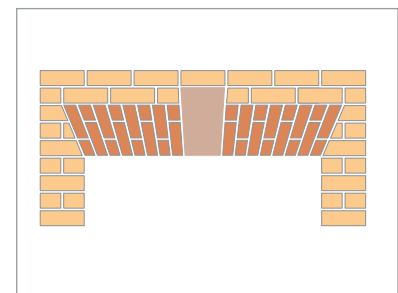
Bredhurst



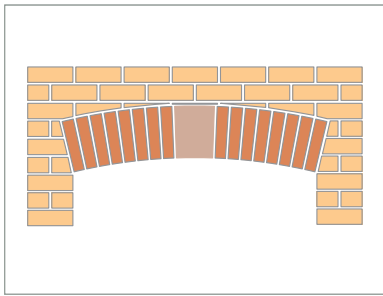
Tillington



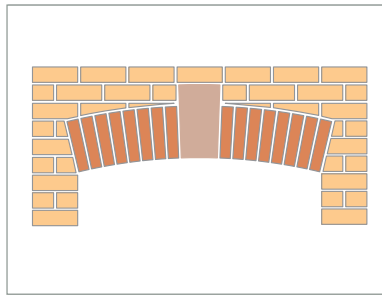
Castleton



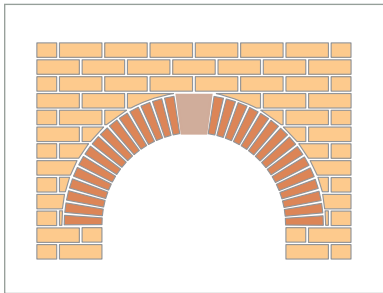
Ashfield



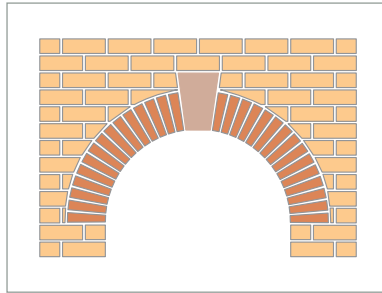
Elham



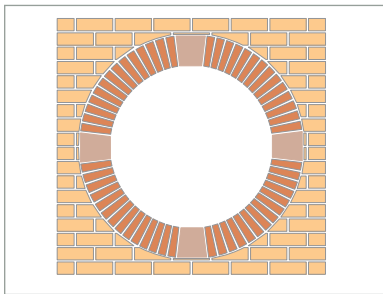
Whitcombe



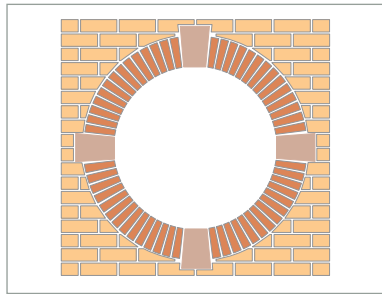
Woodbridge



Southwold



Hawksbury



Whenbury



Frequently asked questions:

Q The underside of my arch needs to be visible when finished. Can this be achieved?

A Yes, you will require an arch with a fair faced soffit. These can be supplied loose or alternatively on structural concrete or steel backings avoiding the need for secondary support.

Q Do I always need to use secondary steel lintels with the arches?

A No, the arches can be supplied fully structural on steel or concrete backings. These arches will always require mechanical handling.

Q The architect insists on matching an existing arch. Is this possible?

A Yes, we can carry out a site survey to establish all the details and provide samples of arch material to ensure a perfect match.

Q Can the arches be supplied pre-pointed?

A Yes, with "penny joints" if necessary down to 2/3mm.

Q Will the arches work with standard steel lintels?

A Yes, the arches are 102mm thick as a standard although they can also be manufactured with larger soffits.

Q Can you deal with my architect to get approval?

A Yes, we are happy to handle all the negotiations with the architect to ensure our products are approved. CAD drawings and technical information can be provided for this purpose.