

# Product Brochure

January 2019

[www.wade.uk.com](http://www.wade.uk.com)





“ With over 25 years within the Construction Industry, Wade Building Services have built up a reputation for excellent customer service and in depth product knowledge.

Based within the heart of the West Midlands and surrounded by multiple transport links, our ever expanding fleet can deliver to all corners of the country on a daily basis. ”



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### Steel Lintels

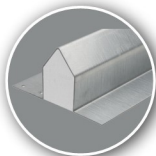
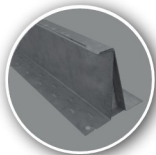
Wade Building Services are proud to offer a comprehensive range of lintels from several major lintel manufacturers to suit all requirements.

Our experienced and well established in-house Technical Department provide full support throughout the design and build process. Upon receipt of detailed drawings, a dedicated Engineer is assigned to your project, who will then calculate each individual opening, ensuring the correct lintels are specified to suit your requirements.

As a major stockholder of Birtley, Catnic and Stressline Lintels, we ensure quick and hassle-free delivery to sites across the United Kingdom.

#### Standard stocked ranges consist of:

- Cavity Lintels (to suit various cavity sizes)
- Internal Box Lintels
- Single Leaf Lintels
- External Solid Wall Lintels
- Timber Frame Lintels



#### Non-stocked ranges:

- Extreme Duty Cavity Lintels
- Thermally Broken Lintels
- Stainless Steel Lintels

All stocked ranges are available in standard duty, heavy duty & extra heavy duty. *If next day delivery is required, please consult our Sales Department.*

Furthermore, bespoke lintels can also be supplied to suit any of the following situations:

- Square and splayed bays
- Corner windows
- Arched windows (Semi-circular, segmental, gothic, apex, elliptical, parabolic or venetian)
- Curved on plan windows

## Concrete Lintels and Padstones

### Economy

Economy lintels are an ideal budget solution. The range will meet most domestic requirements and some lighter use civil applications.

### Hi-Spec

The Hi-Spec lintel is one of the most specified concrete lintel ranges within the country. The method of manufacture gives a high performance, pre-stressed lintel for use in plastered situations. With a range of different widths available, the Hi-Spec range is suitable for most solid wall constructions. Standard lengths are available from 600mm to 3600mm long. Short length Hi-Spec lintels can be used as high compression padstones.

### Fair Faced

Fair Faced lintels are available with the same performance and fire rating as the standard Hi-Spec range, but with a smooth, consistent colour finish. All corners, arrises and faces on the lintel are perfect.

### Fire-Spec

The fire specification range is another with the same performance as the standard Hi-Spec range but with the added benefit of increased fire protection. They are available in 60, 90 & 120 minute fire protection depending on section size.

### Ultra-Fire

Ultra-Fire lintels are classified and tested to a 240 minute load bearing capability when subject to fire conditions. This is available for all standard widths offered.

### Specials Range

The Specials Range is a contractor's answer to casting items on-site. We can offer any cast lintel or concrete product so you get consistent quality and reduce all the risk associated with on-site casting. This range is not only for bespoke concrete lintels such as curved on plan, curved on elevation, recessed and notched units, cast-in inserts or unusual shaped or design of lintels, but also for padstones. Where required, individual designs and calculations can be provided.

### Scope of manufacture:

Weight – max 4 tonnes      Width – max 2 meters

We offer a comprehensive range of padstones with others available on request. Our padstone ranges supplied use 50n/mm<sup>2</sup> grade concrete to ensure the perfect product for your needs and all padstones come with a high finish.

*A range of 'L' shaped corner padstones are also available, please contact our Technical Department for further information.*



### Features and Benefits

- Widest range of Prestressed Lintels available from any UK manufacturer
- Unrivalled specials service where we can manufacture any design, length or strength of lintel that you require
- Nationwide delivery service regardless of site location
- Quality and consistency - Excellent quality control procedures in our modern and innovative factory guarantee achievement of strengths and fire tolerances
- Simple pricing policy - you only pay per metre so there are no extra charges for a specific length\*
- All lintels are clearly marked, removing the risk of site building in the wrong lintel
- Free technical support and help to anywhere in the UK
- Free scheduling service
- Technical Hotline and Backup service

\*Conditions apply to lengths over 3.6m

### Temporary Fencing

Modular mesh temporary fencing has proved to be extremely popular with our customers in the construction and event management industries for site demarcation and to direct the public away from construction hazards.

Wade Building Services are able to offer a wide variety of specification options, with a choice of different frame designs and an extensive range of accessories to complement our panel systems.

With our extensive stocks, we can ensure delivery to site is fast and hassle free.

#### Anti-climb fence panels

Wade offers both round top and square top fence panels, with anti-climb mesh as standard. Round top fence panels are predominantly used for long running construction projects, where the need for durable panels is required. Round top corners and bottom corner webs reduce the risk of welds breaking over a prolonged period of time.

Square top fence panels are an alternative option for short running sites, where the panels are less likely to be damaged. There will also be cost savings over the round top panels.

Along with our standard fence panels, we are also able to supply vehicle and pedestrian gates. These are supplied with caster wheels and sliding latch as standard.

#### Hoarding fencing

Hoarding panels are generally used for sites where privacy is paramount. To further enhance the privacy, Wade also supplies infill sheets between the panels and ground skirts.

All hoarding panels are supplied with a galvanised finish as standard, with the additional option of powder coating to suit your company colour scheme (all RAL colours available).

#### Vehicle & Pedestrian Gates

We offer both vehicle and pedestrian gates to complement our stock of standard anti-climb fence panels.

The vehicle gate provides a clearly defined and safe access point for site, to suit any sized vehicle.

The pedestrian gate offers safe entry and exit points on site, keeping pedestrians and vehicles separate.

Both vehicle gates and pedestrian gates can be made to suit any span. They include hinges / castor wheels for easy use, sliding latch with option to add padlock for site security and are supplied with rounded tops to improve durability.

#### Accessories

**Wade offers a comprehensive range of accessories to complement our panel systems:**

- Clamps (standard and anti-tamper)
- Fence spanner (required for anti-tamper clamps)
- Rubber blocks (hi-vis option available)
- Various bracing systems (depending on situation)
- Anti-lift devices (to further enhance the stability of the fence panels)

#### Installation

Our experienced, fully qualified installation team are happy to assist irrespective of size or location of your site. Their quick and professional service ensures your site is secured in a timely matter.

#### Hire

We are happy to offer a hire service for all your fencing requirements. Hiring of temporary fencing is a cost-effective way to secure your site over a short period of time, with the added benefit of purchasing at a discounted price if your works are delayed.



## Pedestrian Barriers

### Fixed Leg Barrier

The fixed leg barrier is our most popular barrier product due to its unique construction that incorporates an integral connection system & stable fixed legs.

### Bar Barrier

The main feature of the bar barrier is that it can be used with a variety of feet including flat feet which reduce tripping hazards, or alternatively, hi-vis rubber blocks.

### Pedestrian Archway

Used to create a safe entrance point and to avoid dismantling of the barrier wall.

Archways can also be supplied with a spring-loaded gate for added safety and security. All steel barriers are supplied with a galvanised finish as standard. RAL colour powder coating is also available to suit your company colour scheme.



## Plastic Barriers

### Evo Barrier

The Evo Barrier is a popular option for both temporary and more permanent traffic management systems. Filling the barrier with either water or sand ensures a stable, continuous wall to protect both the general public and site operatives. The Evo Barriers are made from durable UV stabilised prime polyethylene, in both red and white to clearly define hazardous areas.

For low level delineation awareness, a Mini Mesh or Reflective Plank Panel can be fitted to the Evo Barrier range. All Evo Barriers are fully stackable for ease of transport and storage. 1.5m Evo Barriers and mesh inserts are stocked and available for immediate delivery, all other options are available upon request.



### Chapter 8 Barrier

Our Chapter 8 barriers are 2 metres in length and 1 metre high, making them a reassuring presence on any site or walkway. Creating a highly visible wall, it makes both pedestrians and site operatives aware they are entering a hazardous area.

Due to the lightweight construction, it is deployable quickly and with ease.



### WonderWall Barrier

The WonderWall is a heavy duty, enhanced barrier system. The robust barrier gives stability in high winds without the need for extra ballast. It creates a safer working environment when deployed near the road side, or excavations on site. They can be moved with ease by one person, and can also be moved via forklift truck when the bases are stacked.





## Structural Steelwork

### Structural Steelwork

We are proud to offer a full range of CE Certified Structural Steelwork.

**All steelwork is supplied with a zinc phosphate primer finish as standard. Other finishes are available, such as;**

- Galvanising
- Bitumen paint
- Shot blasting
- Intumescent coating (30min and 60min)
- Powder coating

Wade Building Services offer a full fabrication service to suit your requirements. Whether you require service holes or cranked steels, our Technical Department are happy to assist you throughout the design process. Working closely with your Architect and Structural Engineer, they will ensure all steel requirements are met as fast and as smooth as possible.

Within the construction industry, July 2014 marked the point when all fabricated steelwork must meet the harmonised European standards BS EN 1090 and carry the CE mark. We are proud to say that all fabricated steels supplied by ourselves are fully CE certified.

*Bespoke steel products can also be supplied to meet your requirements. Please contact us for further assistance.*



### Masonry Support

Structures with brick or stone cladding will usually require the use of a stainless steel support system for the masonry.

Standard masonry support systems are supplied with the brackets and angles as separate components. They are also supplied in standard one metre lengths, with the ability to be cut down on site to suit your requirements. This provides greater flexibility in the final fixing position of the brackets and makes handling the system easier for site operatives. Brackets for the standard masonry support systems are available to suit a range of cavity sizes from 60mm to 150mm in 5mm increments and can be changed on-site to allow for cavity variations.

#### Benefits of Standard Systems:

- More adjustable than welded bracket systems
- Specified by using simple load charts issued by the manufacturer
- No requirement for detailed drawings
- Standard stock items
- Quick and easy to install
- Unused items can be used on your next project

Welded masonry support systems are designed to suit specific applications. They are available in various configurations and are ideal for supporting masonry features. In its standard form, the welded system can carry over 8 meters of brickwork and accommodate any width of cavity from 40mm.

## Masonry Support and Windposts



### Windposts

Windposts are designed to span vertically between floors to provide lateral support for panels of brickwork. The Windposts will usually be restrained by the brickwork and designed as 'simply supported beams'. They provide a cost-effective alternative to traditional techniques, such as increasing wall thicknesses or introducing extra columns.

Connections to the structure are designed to allow adjustment during installation. The choice of fixing is designed to suit the structure to which it is being fixed. A range of windpost ties are also available to suit your requirements.

*If you require a Masonry Support / Windpost quotation, please forward all relevant information to [technical@wade.uk.com](mailto:technical@wade.uk.com).*





## Concrete Flooring Systems

### Prestressed Beam and Block Flooring

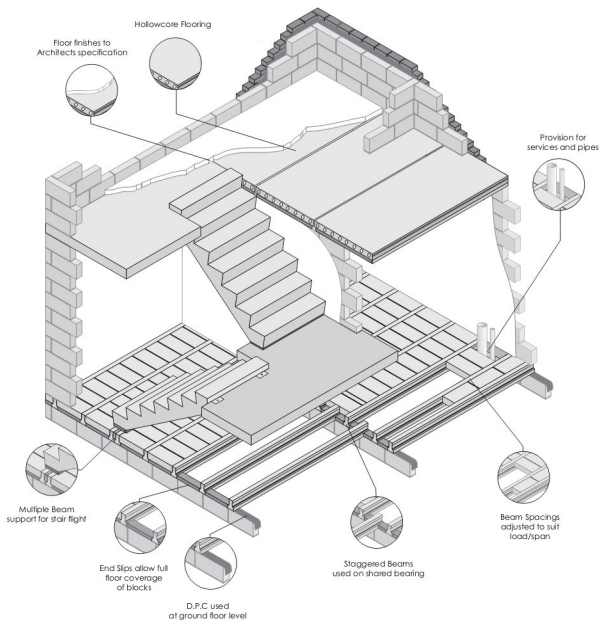
Wade Building Services offer a range of prestressed concrete floor beams to accept flooring grade infill blocks of up to 8m. Available for use at the ground floor, prestressed beam flooring offers a flexible and dependable method to overcome difficult site conditions. It is also available in some circumstances at first floor level to help sound reduction. Prestressed suspended flooring provides the ideal solution where land has been made up, is sloping, or has potential contamination concerns. With the benefits of off-site manufacturing and no on-site curing of concrete, it is possible to allow following trades access as soon as the floor is installed.

### Hollowcore Flooring

To complement the beam and block flooring systems, Wade offers two sections of Hollowcore flooring. Supporting spans up to 9m, Hollowcore is available in either 150mm deep or 200mm depths to resolve many specification problems.

### Thermal Flooring

Using Stylite T-Beam technology, we have a comprehensive range of thermal flooring options. For use on the ground floor, the suspended insulated system uses prestressed concrete beams and EPS panels to reduce cold-bridging in floors and achieve required U-values. The system has achieved the BBA certificate 13/5021.





### Metsec Steel Framing

We are proud to offer Metsec's new SFS range to the market. It is their second major redesign of the Metsec SFS range and has been launched after significant investment in product testing and development. The new system offers many benefits including lighter, more cost efficient and sustainable design options, as well as new robust fire solutions enabling more efficient overall wall construction performance. Metsec Steel Framing is extremely versatile and it can be used to provide solutions to many different types of building construction. Metsec Framing can provide a variety of value engineering solutions from external wall infill panels to internal high bay separating walls to complete superstructure load bearing solutions.

#### Infill Solutions

The most common application for Metsec SFS is infill walling. In this scenario the Metsec is constructed from the floor to soffit of the primary structural frame to 'infill' the external wall zone. This option is typically the most economical solution and allows the SFS to be installed from the inside of the building.

#### Load Bearing Solutions

Load bearing structures make use of the axial capacity of the Metsec SFS studs, with studs designed as a series of columns to provide complete load bearing wall panels. Joists are provided to produce the floor and roof construction. These structures are typically

'stick built' on site, which ensures maximum flexibility of the structure to suit site requirements.

This flexibility makes load bearing structures ideally suited to penthouses or high level inset structures where it is important to keep the loads to a minimum. They also benefit from reduced crane and transport costs, when compared to pre-panelised solutions.

#### Continuous Wall Solutions

Continuous walling is where the SFS is designed so that it 'oversails' the edge of the primary structure. This method is often used when a design team wants to maximise the amount of internal floor area or if they are using a cladding which cannot accommodate horizontal deflection joints at each floor level. Continuous walling is typically constructed from the outside of the building.

#### High Bay Wall Solutions

High bay walls are similar to infill walls, except they are used internally to provide high separating walls for factory units or atriums. As they are often constructed within hot rolled steel portal frames, the amount of primary frame deflection that needs to be accommodated can be much greater than required for infill panels and bespoke details are typically provided to suit project requirements.



### Builders Metalwork

Wade Building Services offer a wide range of Builders Metalwork for timber and masonry construction. Ideal for both House Builders and DIY professionals, the products we offer have been carefully selected to ensure a high level of performance. Quick and easy installation is guaranteed. Our extensive range is designed to meet the complex demands of individual projects whilst saving time and cost.

#### Our range consists of:

- Joist hangers
- Restraint straps
- Angle brackets
- Extension wall profiles and masonry ties
- Corrosion resistant fasteners
- Chemical anchor systems
- Truss and timber frame connectors



## Insulation

Wade Building Services offer a large and comprehensive range of insulation products, to suit a vast range of building situations.

### External & Internal Wall Insulation

From exterior and load bearing walls to internal partitions, walls are a fundamental part of building design and make a crucial contribution when it comes to the fire, acoustic and thermal performance of both the external envelope and the interior environment. Wade offer a range of solutions which address the insulation requirements for all types of internal and external walls.

### Floor & Ceiling Insulation

When constructing the internal environment, floors and ceilings form a major part of the structure and in turn, are a major factor when calculating fire, acoustic and thermal performance.

Where separating floors are concerned, which are in turn part of the ceiling composition of the dwelling below, Part L of the Building Regulations dictates thermal standards while Part E sets the acceptable level of sound transfer, and Part B determines fire performance.

For all floor and ceiling applications, including ground and intermediate floors, Wade offer a range of insulation products which not only perform acoustically and thermally, they are also non-combustible to offer a greater level of fire protection.

### Roof Insulation

Regardless of building situation, effective insulation of the roof is crucial for ensuring Part L compliance – helping to reduce energy consumption. From loft conversions and pitched roofs through to flat roofs (including metal deck profiles and timber joist construction), Wade Building Services offer a suitable range of insulation that will provide a highly effective acoustic, thermal and fire protection solution.





### Brick Set Arches

Prefabricated, brick set arches are used in place of conventional arches built on-site. Traditionally built arches require a high level of skill and can be time consuming, therefore expensive. The prefabricated arches offer our clients a quick and easy solution. When on-site, each arch can be easily handled by two site operatives. The arches are then placed on to a steel lintel and pointed up as work proceeds.

The arches are made by cutting standard bricks (supplied by site) to create the brick slips. The brick slips are then bonded with an epoxy resin onto a composite lightweight block and cement board backing.

Our In-house Technical Department produce a detailed breakdown as per information received. These can then be issued in conjunction with our Catnic Lintel quotation.

Once called-off by site, we request a pallet of bricks to produce the prefabricated arches. This is to ensure the brickwork matches perfectly when installed.

From call-off, prefabricated arches are typically delivered to site within 15 working days. To assist site in ensuring no delays throughout the project, we can base our deliveries off your program of works and ensuring bricks required are collected when best suitable for site. Your dedicated Engineer would be in contact with site, which removes the need for assistance from your office, ensuring a hassle free experience.



### Cavity Trays

Preformed cavity trays are designed to gather water which has penetrated through the external cavity wall leaf and divert it back out of the building.

Cavity trays are one of the most effective and reliable methods of protection from through cavity wall water ingress, particularly stepped roof abutments, corners and over lintels. We can offer a wide range of preformed cavity trays and DPC accessories, leaded and unleaded, to meet almost any application requirement and type of masonry. We also have a wealth of experience in designing and manufacturing non-standard cavity trays for project requirements. Stepped Cavity Trays are to be installed at the abutment of a pitched roof with a cavity wall to prevent water penetration.

Wade Building Services can supply a large number of components for almost any wall construction (brick, block or stone coursing). Preformed stepped cavity trays are those that step-up the wall in order to follow the abutment of a pitched / gabled room with a cavity wall.

#### They are appropriate in situations such as:

- Attached garages
- Conservatories and extensions
- Porches and bay windows
- Attached buildings with different rooflines.

## Cavity Trays



#### There are three main types of cavity trays:

- Ridge trays (open ended) – Sit at the top of the stepped cavity tray run
- Intermediate trays (one side open-ended, left or right handed) – 1 tray per brick or block
- Stop-end starter trays (double sided) – Either flush wall or corner trays that sit at the bottom of every stepped cavity tray run

Preformed over lintel cavity trays are suitable for today's most popular lintel styles and heights (100 to 225mm) and are supplied in convenient and economic 2.5 m lengths. In addition to this, bespoke cavity tray designs can also be manufactured for any non-standard or unusual lintel style or size.

Over lintel cavity trays must be combined with lintel stop-ends and proprietary weep holes to ensure maximum water ingress catchment, containment and discharge. Our in-house Technical Department are happy to produce a detailed package quotation for cavity trays, stop ends and weep vents to be issued alongside your detailed lintel quotation.



## Plastering Products

Wade Building Services offer a comprehensive range of Plaster Beads which are precision engineered and simple to use. Fixing by nail or plaster dab is straightforward and fast, creating arrises, edges, corners and joints that are easy to form and resistant to chipping, cracking and impact damage.

### Our extensive range of plaster beads consists of the following:

- Angle Beads
- Renderstop Beads
- Plasterstop
- Depth Gauge Beads
- Movement Beads
- Architrave Beads
- Drywall & Thincoat Applications
- Extensive range of PVCu Beads

In conjunction with our range of plaster beads, we can also supply:

### Joint Tape

Fibreglass re-enforced plasterers tape on a roll which is quick and easy to apply. With a high tack adhesive, it eliminates the need for pre-plastering and an open mesh that will not blister or bubble.

### Uses:

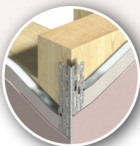
- For jointing dry walling,
- For repairing/jointing over large cracks in plaster,
- Repairing/jointing in ceiling work.

### PVA Glue

PVA is a multi-purpose agent, primer sealer, cement filler and plaster admixture that adheres to most common building and DIY materials except PVC and rubber. Ideal for priming unsound surfaces prior to plastering or painting, as an adhesive on wood, cork, textiles and most applications where at least one surface is porous, for general dust sealing on flaking paintwork/walls etc. and as a cement admixture.

### Uses:

- As a general-purpose adhesive for wood, cork, paper, textiles etc.
- As an admixture for mortar/screeds/renderers
- As a bonding agent for screeds/renderers to difficult substrates
- As a primer/sealer in tiling applications
- As an internal filler when mixed with wood shavings, plaster etc.





# WADE BUILDING

## LINTELS



As a major stockholder of Birtley, Catnic and Stressline Lintels, we ensure quick and hassle-free delivery to sites across the United Kingdom. Standard stocked ranges consist of:

- Cavity Lintels (to suit various cavity sizes),
- Internal Box Lintels,
- Single Leaf Lintels,
- External Solid Wall Lintels,
- Timber Frame Lintels.

Non-standard items are also available upon request.

Cavalok multi width cavity closers are supplied in 2400mm lengths. With pre-cut grooves to suit 50mm, 75mm and 100mm cavities, simply snap off at the desired width to suit your cavity size.

The simple, versatile multi width cavity closer is designed for retrofitting on refurbishment projects, however, they are also suitable for new builds or extensions.

They are fully compatible with all types of building methods (masonry or timber / steel framed) and are suitable all window and door materials.

The cavity closers simply slot into place between walls and around building openings, sealing the cavity and providing a rigid bricklaying template.

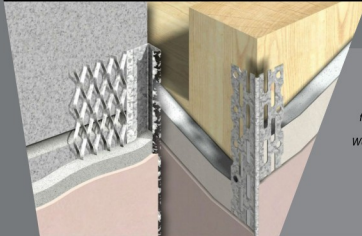
## CAVITY CLOSERS



## PLASTERING MATERIALS

Wade Building Merchants stock a comprehensive range of Plaster Beads which are precision engineered and simple to use. Fixing by nail or plaster dab is straightforward and fast, creating arrises, edges, corners and joints that are easy to form and resistant to chipping, cracking and impact damage.

We also offer Plaster Tape and PVA Sealant to compliment our range of Plaster Beads.



For further information and to view our com

[www.wadebuilding.com](http://www.wadebuilding.com)



# G MERCHANTS



## BUILDERS METALWORK

*Our ever-expanding range of Builders Metalwork is ideal for both House Builders and DIY professionals.*

*Quick and easy installation is guaranteed. Our extensive range is designed to meet the complex demands of individual projects whilst saving time and cost.*

*Wade Builders Merchants supply temporary fencing and barriers with all associated accessories to suit your requirements.*

*Different ranges of clamps, bracing systems and hi-visibility add-ons are available.*

*We can supply you with standard square top anti-climb panels or a heavy-duty panel with rounded corners.*

## FENCING AND BARRIERS



## SCAFFOLDING

*We supply a wide range of scaffolding products from scaffolding boards, tube and fittings/accessories.*



plete product range, please visit our website

gmerchants.co.uk



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