



## PRODUCTS & SERVICES



[www.stressline.net](http://www.stressline.net)

T H E   S O L I D   C H O I C E

1964 **50** 2014

PROUDLY INDEPENDENT







# YOUR CHOICE OUR STRENGTH

## COMPANY HISTORY

**Stressline Limited manufactures a wide range of structural building products for domestic and commercial sectors. Stressline is the first choice for builders, contractors & specifiers across the UK because of its ability to deliver high quality products on time and at the right price, ensuring projects are not disrupted and work is completed on time.**

Stressline also supply direct to site or through a supply chain of merchants across the country, making sure their products are always highly accessible. Stressline's customers choose them over other structural product manufacturers because of the promise to always be competitive on price, the mixed order delivery capabilities and the high quality service.

## STRUCTURAL BUILDING PRODUCTS

We manufacture a complete range of prestressed concrete products including lintels and floor beams as well as steel lintels, and precast items like stairflights and landing slabs. Our extensive design and manufacturing resource enables special projects to be produced cost effectively.



## NON-STRUCTURAL BUILDING PRODUCTS

Within this brochure we introduce you to the cast stone products including lintels, cills, ashlar blocks and many more standard items. We also look at the standard fencing and walling products which include a range of slotted posts and gravel boards as well as pier caps and copings. Our range of non-structural building products gives you the choice and flexibility to pick the right product for your needs.



# SERVICE DELIVERY

## OUR COMMITMENT TO YOU

### SALES & SUPPORT

Our unique ability to manufacture a range of structural building components offers the buyer a complete solution for prestressed concrete and steel lintels, flooring systems, structural precast products, fencing and walling and also cast stone products.

Our area sales managers and sales technicians are able to assist you with your specification needs. Whether advice is needed for steel lintels or cast stone items, or a comprehensive take off and pricing schedule for a multi dwelling development, our team is here to help.

The brochure and website outline our ranges to assist your selection.

### OUR PRODUCTS

Our 55 year experience of producing and selling concrete lintels, steel lintels and beams has allowed us to create a comprehensive package of structural and non-structural products manufactured to the latest British standards.

### DELIVERY

All our products are delivered on flat bed articulated or rigid lorries, with the option of either self offload or crane offload. Most of our products are subject to pack consignments.

As we are located centrally we are able to supply all our standard products nationally, with delivery typically up to six weeks, depending on the products.



Compliance with European Harmonised Standards and Constructions Product Regulation.



Manufactured to British Standards and under the latest quality management standards.



RIBA approved CPD.

### OUR PROMISE

Stressline understand the day-to-day challenges you face on a building site and the importance of working with a supplier you can trust. Our promise is simple – to deliver competitively priced products, on time, to the required specification.

### ACCREDITATIONS

Stressline has an on-going commitment to improving both product and management systems;

ISO 9001:2015

All of our prestressed concrete and steel lintels are CE marked and declarations of performance (DoPs) are available upon request.

### ENVIRONMENTAL AND SUSTAINABILITY

We recognise our responsibilities to the environment. We are committed to developing, implementing and reviewing our management and operational policies and procedures to minimise our environmental impact. Our integrated management system includes all our compliance policies and achievement targets.

From our ongoing environmental and sustainability commitments we have continued to achieve significant reductions in our impact as manufacturers and distributors. One major environmental benefit shared with our existing customers is the ability to source our complete range of products and for them to be delivered as a mixed load on one vehicle, instead of separate deliveries which creates wasteful and unnecessary movements.



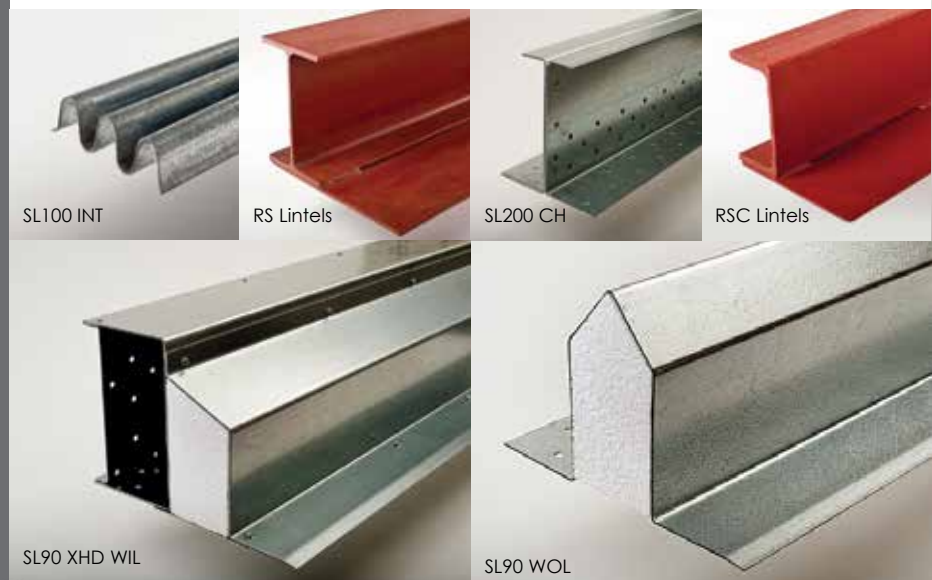


# STEEL LINTELS

Our steel lintel range is the largest published range of lintels in the UK, consisting of standard leaf lintels, wide inner leaf, wide outer leaf, short outer leaf, box lintels rolled steel (RS or RSC), closed eave, timber frame lintels and special lintels like arch and apex lintels.

Made in our factory in Leicestershire, Stressline steel lintels are the benchmark of structural building products. The comprehensive range means that whatever your building need, we will have the solution. Our lintels are also riveted instead of welded which results in no spot corrosion.

Our lintel brochure has comprehensive details about steel lintel loading spans in the loading tables within our lintel guide, and our experienced teams can offer years of experience with regards to installation, specification and general product knowledge.



In addition to the highest quality engineering and manufacturing that our steel lintels are subject to, they also come with special Teslin labels, that are weather proof, ink-run proof, can be self-branded, and can have plot, floor and room detail included.

Our cavity lintels are available in six cavity sizes from 50mm to 150mm, and standard, WIL, WOL and SOL have standard duty, heavy duty, extra heavy duty and composite variations.



RIBA approved CPD.



# CONCRETE LINTELS

Stressline prestressed concrete lintels are synonymous with UK structural building products. They are cost effective and high performing, and CE marked meaning they are subject to the most stringent tests under the Constructions Product Regulation (CPR). We have been making concrete lintels for over 50 years and continue to produce them today, right here in our Leicestershire-based factory.

All of our concrete lintels are prestressed meaning they have heightened strength by way of steel wires, which have been set to high tension running through the middle of the lintel.



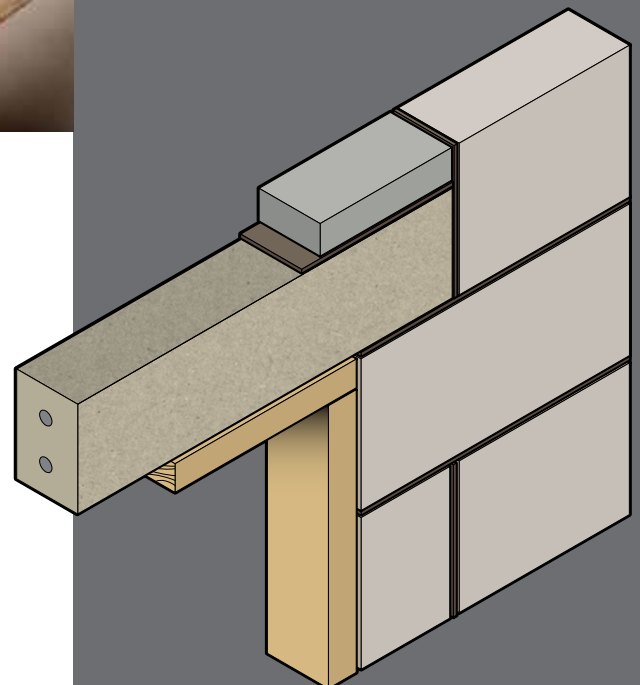
## HIGH STRENGTH

In addition to standard prestressed concrete lintels, we also manufacture high strength lintels which have an additional wire running through them, and have increased load bearing capabilities, and also fair-faced concrete lintels which have a type C fair face finish – ideal to use where the lintel will be visible.

We also manufacture concrete padstones which are engineered to help share the imposing load, this includes the new L-shaped padstone.



RIBA approved CPD.







# FLOORING SYSTEMS

**Stressline's extensive range of prestressed flooring products allows estimators and designers to determine the most economical solution to satisfy your loading and span requirements.**

Our flooring solutions include beam and block flooring, thermal flooring and hollowcore flooring.

Available for use at both ground floor, and in certain circumstances at first floor, prestressed beam and block flooring offers a flexible and dependable method to overcome difficult site conditions.

The Stressline range of prestressed beam and block, and 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.

Our thermal flooring option is a lightweight, cost effective and flexible solution that reduces cold bridging in floors. Used with our concrete beams – the Stressline thermal flooring system is quick and easy to install using T-beam technology.

Thermal flooring can create a huge difference in achievable U values and this method of installation exceeds the thermal requirements of Part L building requirements.

The insulating panels are available in a variety of profiles to minimise site cutting and additional clip on pieces. We also supply perimeter insulating strips and beam end T-blocks.



To compliment the beam flooring systems Stressline offer two sections of Hollowcore flooring, with spans in excess of 9 metres, either 150mm deep or 200mm deep to resolve many specification problems. Our hollowcore floors all have a self-weight of 300 kg/m<sup>2</sup> which complies to the latest sound regulations.

Hollowcore flooring is available in both standard and heavy duty. Full technical support and advice is available, and we can provide full quotations without additional charge and offer a full installation service as well.



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# CAST STONE

**Our Stanton Cast Stone brand has been within Stressline since 2012.**

**Since then we have developed the products to ensure we have a comprehensive range of standard cast stone or reconstituted stone products available for builders and merchants throughout the UK.**

As Leicestershire's leading cast stone manufacturer and supplier, we don't stop at standard items. We are continually developing the products and creating bespoke cast stone items by hand from our factory in Leicestershire. All of our cast stone products are available in four colours – York, Bath, Portland or Cotswold.

Our standard cast stone products include lintels, keystones, copings, pier caps, string courses and cills. Our range is comprehensive though, so if you need a bespoke product, contact us, and we can advise on availability and production lead time.



## VAPOUR-CURED

All of our cast stone is vapour cured in our factory to ensure that a consistent and speedy cure is undertaken. In addition to vapour curing, we also have an exceptional sales and support service which includes pre-order scheduling, post-order design and site liaison.



# PRECAST SECTIONS

**Our precast sections are made bespoke to your requirements. With design and installation service available, we can create the ideal product to your project specification and to perfectly compliment our other precast concrete sections.**

Precast concrete stairflights can be manufactured as straight or cranked stairflights. They can also be supplied with an integral slab at the base or top of the stair flight. We regularly produce precast stairs and can create staircases of various sizes and shapes to suit any project, with the treads and risers manufactured to the specification that has been supplied to us.

Our precast concrete stairflights are cast in either timber or steel moulds and trowel finished. Like all our precast concrete products they can be manufactured to fit together, for the perfect fit of the floor, house or project you are involved in.

The landing slabs are designed to support reaction from stairflights and are built to withstand the live loads and finishing loads documented in the specification we are provided. Because of this, we have no 'standard landing slab' products, they are all built to spec.



We often supply landing slabs with our precast stairflight products and hollowcore flooring products.

Our precast concrete balconies are usually only required for very specialist projects, but when used with our other precast products and flooring systems can be the perfect option to complete your building requirements.





# FENCING AND WALLING

**Our concrete fencing and walling products include a range of slotted posts, gravel boards, light weight fence posts, light weight gravel boards, universal posts, repair spurs, bollards and chain link posts.**

Slotted posts come in three different types: End Post, Intermediate Post, and Corner Post. Heights are available from 1525mm to 2745mm.

The light weight versions of standard posts and can be up to 45% lighter than their conventional counter parts. Morticed and recessed posts are also available.

Gravel Boards are available in plain, recessed, rockfaced (high profile wet cast), rockfaced (medium profile wet cast), rockfaced (semi-dry).

The plain and recessed versions are available in 150mm (6") and 305mm (12") heights. The rockfaced versions are available in 305mm (12").

Like the slotted posts, gravel boards are available in a 'light weight' version which are easy to handle and install and reduced weight means lower transport costs and CO2 emissions.

We also supply security fence chain link products, including chainlink posts and cranked top posts. The chainlink posts include left and right hand end posts, 3 way posts, 2 way posts, and left and right hand corner posts.



Pier caps are a standard walling finish and another product within our precast concrete fencing and walling range. Pier caps are available in six sizes from 225mm x 225mm to 525mm x 525mm and are subject to our pack quantities policy.

Once weathered copings are sloped to allow water to drip off of one side, and twice weathered copings have a ridge down the middle to have water flow off both sides.

Copings are available as a length of 600mm and in widths from 125mm to 405mm (once weathered only).

We also supply universal posts and repair spurs.



# SERVICES

## DESIGN

Our in house design department have full CAD capability and work with clients to create the desired project drawing. CAD drawings are available to download on our website but to find out how our design team can help you, contact us now.

## INSTALLATION

Our flooring systems are available as supply only or as supply and fix. The installation team is fully versed in our flooring solutions. We also possess a Worksafe Management Membership Certificate.

## SCHEDULING

Our technical and scheduling department is there to provide full technical expertise and advise on our lintels. The team work using the most up to date BS standards for methods of assessing loads.

## LABELLING

As well as the unique ability to provide labels with plot, floor and room detail on, we also offer clients bespoke and self-branded labels. The highly adhesive Teslin labels have been tested in vapour conditions to ensure the integrity is upheld.

## RIBA ACCREDITED CPD

Stressline are an accredited RIBA CPD network provider, and as such can provide architects, engineers, specifiers, housebuilders and developers fully approved seminars and resources designed to educate and inform. For more information, visit the website.







# CONTACT US

For more information on  
our Lintel range contact  
our sales team now:

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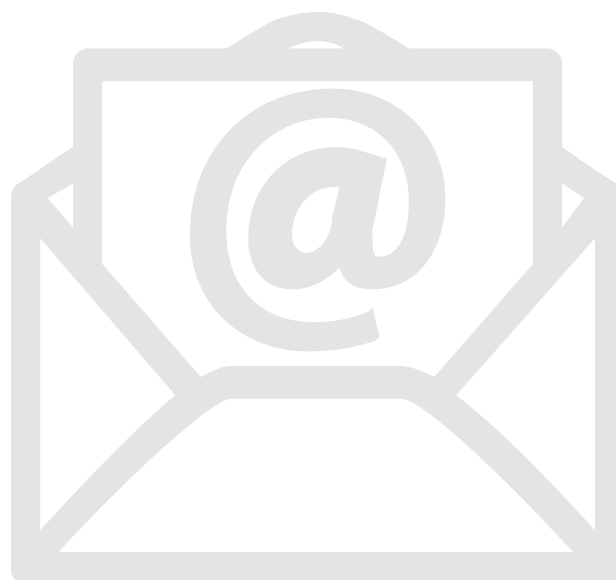
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The information contained in this brochure was accurate at the date of publication. We reserve the right to introduce, at any time, modifications and changes of details that may be deemed necessary. August 2019.

