

A NEW SPECIFICATION SYSTEM FOR A NEW RANGE OF LINTELS

Why a new specification System?

We offer the largest range of standard lintels in the UK. This is important for stainless steel lintels because there is no point mixing stainless and galvanised steel in the same external wall in one project, so we need a complete range of solutions in stainless steel.

We 'Manufacture to Order', using 'just-in-time' manufacturing processes to deliver within days of an order. This enables us to offer a huge range of products without having huge amounts of stock. But a huge range of lintels could mean greater difficulty for our customers to work out what they want!

So we've put considerable effort into a new, simple specification system.

How our specification system works:

We carefully designed all our new stainless lintels from scratch so that variations of the same lintel would all have similar or the same load capacity. Other manufacturers (and indeed our galvanised range) require a separate load table for each variation of the same lintel!

This means for example a particular cavity wall lintel could come in any of 21 variations (in our case) depending on the inner leaf and cavity size of the installation. Other manufacturers would require 21 different load tables, one for each; we only have one - the same for all 21 configurations!

You specify the lintel, then add the dimensions you need.

So how does this help?

Simple: there are far less load tables to wade through, in spite of having far more lintels!

You go directly for the type of lintel and capacity you want without worrying about the leaf and cavity dimensions, because all the lintels are available in the full range of possible leaf and cavity dimensions, with the same load capacity!

What are the advantages of the system?

Apart from greatly reducing the number of load tables, the system offers other advantages:

- Architects and Engineers need only put part 1 on their drawings (e.g. 'CA20') and if the wall thickness changes during the design, there is no need to alter the lintel specification (unless the load dramatically alters). The contractor advises the wall construction at time of order.
- The naming convention is intuitive, enabling clients to virtually invent their own lintel, and we will be able to make it!
- You can see the lintel height and width by the specification, enabling an immediate rough check of suitability, minimising errors!
- There is no longer any need to flick through a brochure looking over many of virtually the same lintel, in search of the one that matches your wall construction.

The other reason for a new system

We didn't design a new lintel range just so we could group the loads together; Our new LDX2101 stainless steel is 2.3x stronger than grade 304 stainless steel, and 1.7x stronger than the steel of our galvanised range.

Different lintel sections are required to take best advantage of this high strength, another reason for developing a new range.

Examples of the meaning of the Letters in the lintel designation

- CA** = Cavity 'A' Shape Lintels
- CC** = Cavity 'C' Shape Lintels
- CD** = Cavity 'D' Shape Section
- CI** = Cavity 'I' Beam Lintels

- SL** = Single wall 'L' Shape Lintels
- SLB** = Single wall 'L' Shape Bolted (a brick support shelf)
- SC** = Single wall 'C' Shape Lintels
- SB** = Single wall Box Lintels

- DL** = Double wall 'L' Shape Lintels
- DC** = Double wall 'C' Shape Lintels
- DB** = Double wall Box Lintels
- EB** = Eaves Box Lintels

- OL** = Outer Leaf 'L' Shape Lintels
- OLH** = Outer Leaf 'L' Shape, Hollow
- OS** = Outer Leaf 'S' Shape Lintels
- OSH** = Outer Leaf 'S' Shape, Hollow
- OC** = Outer Leaf 'C' Shape, Hollow

The Specification system for arches and other special lintels is similar.

Pages 4 & 5 in our catalogue provide a pictorial contents page showing all the different lintel types.

The start of the specification

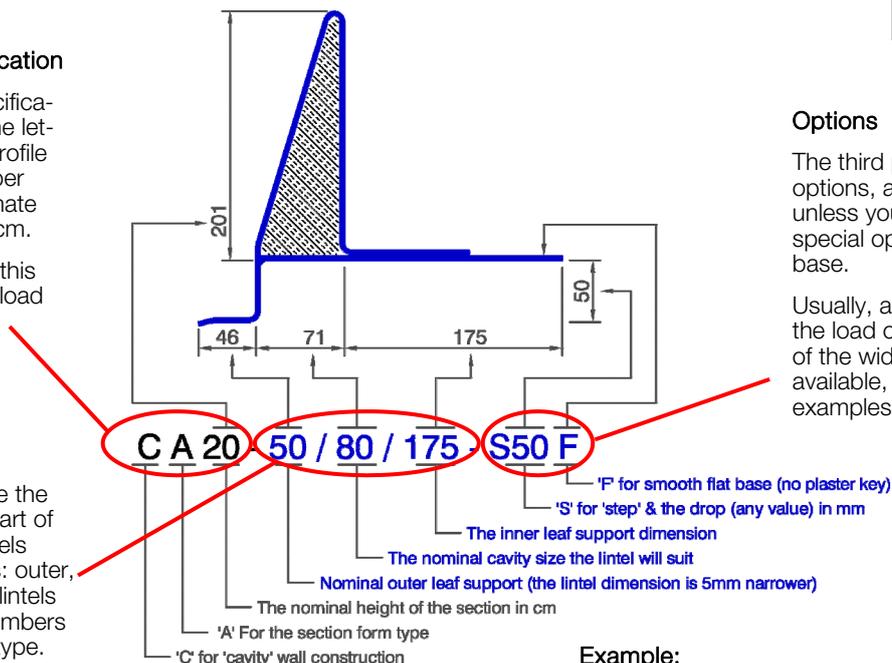
The first part of the specification is the lintel type. The letters describe the lintel profile (see right) and the number represents the approximate height of the section in cm.

Importantly, all lintels of this type will have the same load capacity!

The width dimensions

These numbers describe the nominal width of each part of the lintel, for a cavity lintels there are three numbers: outer, cavity and inner. Other lintels may only have 1 or 2 numbers depending on the lintel type.

Our Catalogue has a list of the standard dimensions for each lintel type, all having the same load capacity!



Options

The third part of the specification is for options, and will generally be omitted unless you have a requirements for a special option such as a step, or flat base.

Usually, adding options does not alter the load capacity of the lintel. Because of the wide range of options that are available, we generally only show a few examples for options.

Example:

This specification system enables us to list 21 standard lintels for the CA20 range against just one load table! Making it faster and easier for our customers to find the right lintel for their application.