

# **NEWLAY**

**WALLING STONE**

COMPLEMENTING TRADITIONAL WALLING STONE



**MANUFACTURED  
IN THE HEART  
OF YORKSHIRE**

# MANUFACTURED IN THE HEART OF YORKSHIRE

Newlay Concrete has a rich history of supplying building products into the Yorkshire area. Founded in 1948 and making use of locally available recycled aggregates, Newlay Concrete began a long tradition of supplying concrete blocks into the region.

As the company has grown it has developed long term relationships with a wide range of construction companies, housing developers and builders merchants not only in Yorkshire, but in Lancashire, the North East and Humberside. Success has been achieved through being a 'local' provider with exceptional customer service from 'local' employees having a 'can do' attitude to business together with a vast wealth of experience and support.

Today Newlay Concrete still supplies concrete blocks from three manufacturing locations and is supported by a flourishing ready-mix concrete business with a specialist team delivering concrete into the whole of Yorkshire with a dedicated fleet of vehicles. Newlay Concrete has expanded with the addition of Newlay Walling Stone into the catalogue of available products.

## TEXTURES

The Newlay walling stone range offers a choice of the two most popular types of natural stone finish.

### Split faced

The most cost-effective type of finish, for housing and landscaping, popular throughout Britain.



Split

### Pitched faced

A rugged effect, in which each block has a raised centre, is typical of quarry dressed stone.



Pitched

## SPLIT FACED



Calder Buff



Calder Buff Weathered

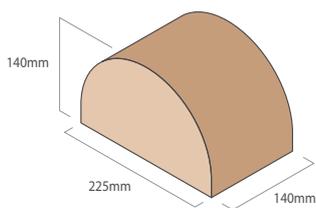


Calder Natural

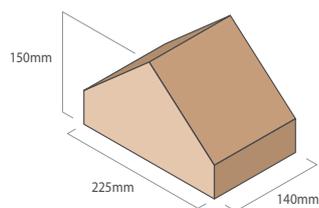


Calder Natural Weathered

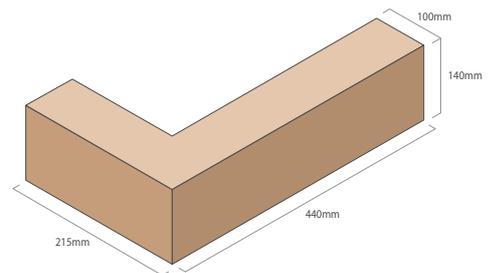
## SPECIAL SHAPES



HALF ROUND CAPPING



SADDLEBACK CAPPING



90° EXTERNAL QUOIN

PITCHED FACED



Calder Buff



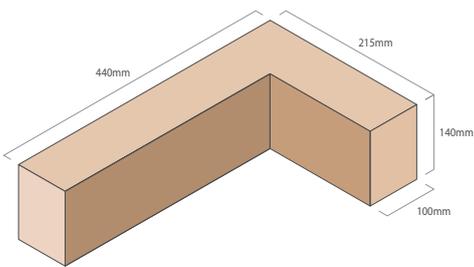
Calder Buff Weathered



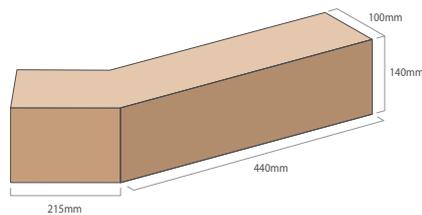
Calder Natural



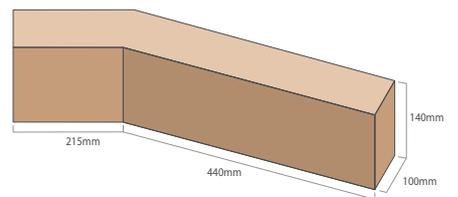
Calder Natural Weathered



90° INTERNAL QUOIN

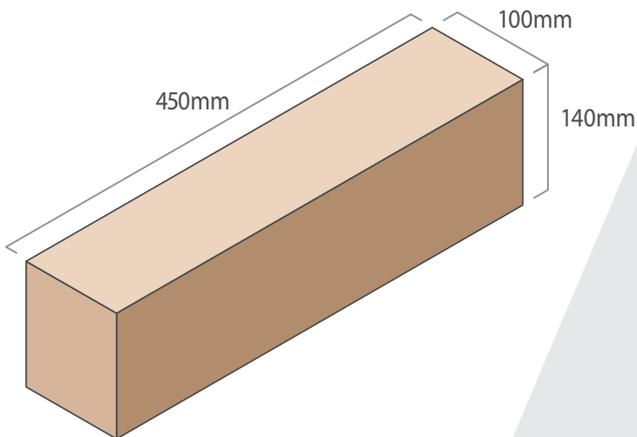
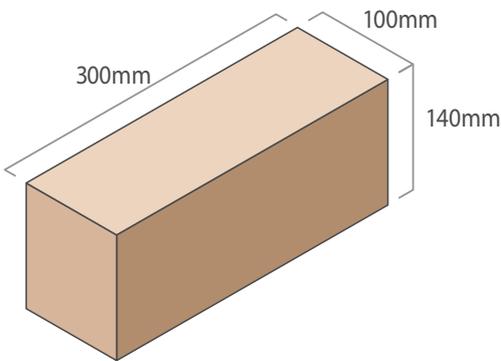
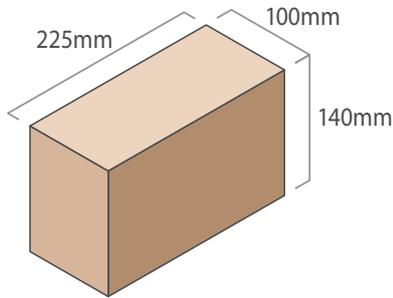


135° EXTERNAL QUOIN



135° INTERNAL QUOIN

## SIZES & DRY WEIGHTS



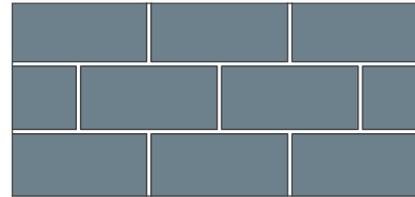
**Please note** all components are textured on at least one end

## BOND PATTERNS

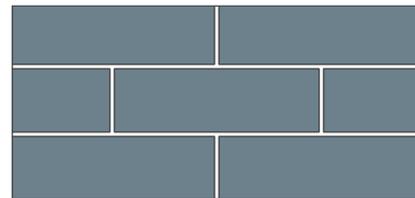
In order to create a natural, traditionally laid stone effect there is a tendency to want to create a 'random bond'.

Newlay Calder Walling Stone is available in three course lengths to help create this and the following are suggestions of bond patterns that can be used.

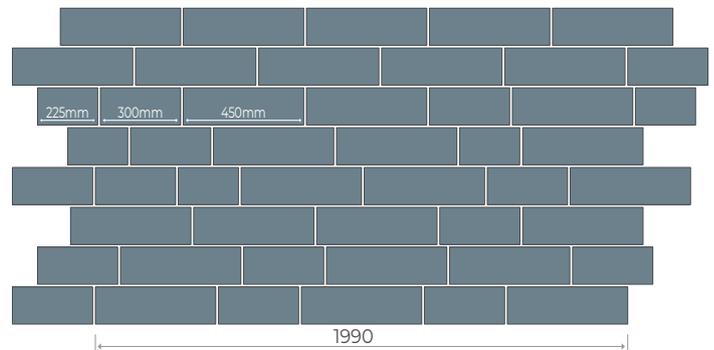
300mm Bond



450mm Bond



Random Bond



All 140mm course using 3 lengths. The random pattern is a guide only in the ratio of 60 : 30 : 10 for 450 : 300 : 225 lengths

**26 Packs of stone per flat artic load.**

## SUGGESTED LOAD MAKE UP

This pattern is achieved by using the same course height 140mm and laying in three different lengths in a stretcher bond style as detailed in the table below. (The following is for guidance only).

Course Height (mm)	Length (mm)	Pieces per pack	Blocks / m <sup>2</sup>	m <sup>2</sup> /pack	Pack Weights
140mm	225	160	28.4	5.64	1072
140mm	300	120	21.5	5.58	1060
140mm	450	80	14.5	5.52	1049



Manufacturing concrete blocks from three sites across Yorkshire and supplying them to major contracts, builders merchants and housebuilders. With seventy years of experience we have the skill, knowledge and passion to provide our customers with a first class product and service.

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



Newlay Ready Mix is an established and well respected ready mix concrete business based in Dewsbury, West Yorkshire. Our team of highly specialist staff serve the whole of Yorkshire with a dedicated fleet of liveried vehicles.

[www.newlayreadymix.co.uk](http://www.newlayreadymix.co.uk)



**Newlay Asphalt Ltd**

Newlay Asphalt is the regions premier independent asphalt supplier providing a fast, efficient and friendly service to both the trade and public. Ideally positioned to serve Yorkshire and Lancashire - collection and delivery service available.

[www.newlayasphalt.co.uk](http://www.newlayasphalt.co.uk)



Procter is one of the UK's leading cast stone specialists and offers a comprehensive service to design, manufacture, supply and install high quality bespoke artificial stone products throughout the UK, as well as supplying a range of standard products from stock.

[www.proctercaststone.co.uk](http://www.proctercaststone.co.uk)

## TECHNICAL INFORMATION

Newlay Walling Stone is manufactured from a carefully controlled mixture of graded limestone and other natural aggregates, cement and pigments, in accordance with European BS EN 771-5 product standards for manufactured stone masonry units. They meet the statutory requirements of the relevant section of The Building Regulation 2010 with amendments and The Building (Scotland) Regulations 2004 with amendments.

All Newlay Walling Stone manufacturing facilities are BSI registered and operate to the requirements of BS EN ISO 9001:2008 and BS EN ISO 14001:2004 – the national and international standards for quality and environmental management systems.

Essential characteristics	Performance values
Dimensions	Length: 225mm, 300mm, 450mm Width: 100mm Height: 140mm Tolerance Cat: D1 (+3/-5mm)
Configuration of units	Group 1 to EN1996-1-1
Compressive strength	Mean 20N/mm <sup>2</sup> perpendicular to bed face
Dimensional stability	0.40mm/m
Bond strength	0.15N/mm <sup>2</sup>
Reaction to fire	Euroclass A1
Water absorption	<3.0g/m <sup>2</sup> /s
Water vapor permeability	5/15μ (Tabulated value)
Direct airborne sound insulation	Gross dry density 2000kg/m <sup>3</sup>
Thermal conductivity/resistance	1 W/mK(λ10,dry,unit S1)
Durability against freeze-thaw	For external use

**SAMPLE SERVICE AVAILABLE**



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