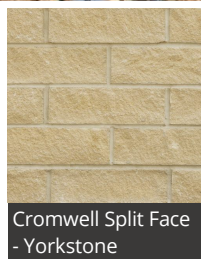


## Cromwell Split Walling 300 x 100 x 140mm

Date Created: 07/02/19



For the appearance of natural stone walling at an affordable price, Cromwell Stone Walling from Marshall's is an ideal choice. A reconstructed walling stone, it uses Yorkstone aggregates quarried from the same natural sources as those used for natural stone walling to closely replicate the visual and textured characteristics of natural stone.

Suitable for load-bearing and non-load-bearing use, the hydraulic press manufacturing process results in low water absorption, ensuring the high-quality appearance is maintained over a long-term period.

The pressing process also delivers dimensional accuracy for time savings on site, while still achieving the visual impact of random and variably sized natural stone walling.

Cromwell is available in three distinct styles – Pitched Face, Split Face or Rustic.

Cromwell Pitched Face Walling has a rough effect, with each block displaying a distinctive raised centre. Split Face Walling is perfect for applications where a flatter, less prominent texture than a pitched face is required. Rustic Walling gives finished walling a rounded, softer and less defined finish. Choose from four colour options in each style – Yorkstone, Weathered, Brown and Ash.

### DESCRIPTION

Manufacturing Process	Hydraulically pressed concrete	
Base Raw Material	Concrete	
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 771-5 : 2011 + A1 : 2015	
CE Marking/DOP	<a href="https://www.marshalls.co.uk/dop">https://www.marshalls.co.uk/dop</a>	
NBS Specification	F10 20	F10 290



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## PHYSICAL PROPERTIES

Work Dimensions (mm)	300 x 100 x 140
Nominal Dimensions (mm)	300 x 100 x 140
Tolerances on Work Dimensions (mm)	Length +3 -5mm, width +3 -5mm, height +3 -5mm
Durability (Freeze-thaw)	Frost resistant
Material Density	2300 kg/m <sup>3</sup> (typically)
Thermal Conductivity (K value)	1.27 W/mK @ P=50% 1.42 W/mK @ P=90%
Compressive Strength (MPa)	Mean compressive strength of not less than 20 N/mm <sup>2</sup> with a characteristic compressive strength of 17.5 N/mm <sup>2</sup>
Water Absorption (%)	≤ 3g/m <sup>2</sup> s
Water Vapour Permeability	30/100 μ
Shear Bond Strength	0.15 N/mm <sup>2</sup>
Dimensional Stability	0.89 mm/m

## SPECIFICATION

Approx unit weight (kg)	9.5
Selection Of Mortar	It is recommended that the guidelines provided in BS EN 1996 - Design of Masonry Structures be taken into account before a final choice is made
Emission of Asbestos	No content
Reaction to fire	Class A1, see commission decision 2000/605/EC
Dangerous Substances	No performance declared
Movement Joints	Spacing and width should be based on the guidelines provided in BS EN 1996 - Design of Masonry Structures

## SUSTAINABILITY

Carbon Footprint	32 kg CO <sub>2</sub> m <sup>2</sup>
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## APPLICATION

Suitability	Suitable for general walling projects, given correct structural design in accordance with BS EN 1996 - Design of masonry structures
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## SUPPLY

Av. pack size (m <sup>2</sup> )	5.5
Units Per Pack	135
Packaging	All packs are shrinkwrapped onto pallets for fork off-load or crane off-load if necessary

## FURTHER INFORMATION

Cleaning & Maintenance	Cleaning & maintenance details are available on request
Efflorescence	Any product containing cement during its early life may exhibit a temporary white discolouration known as efflorescence. This is not a product fault and will gradually disappear with exposure to natural weathering and trafficking
Weathering	It should be appreciated that with all products weathering and site conditions can cause shade variation to appear across the surface of individual units. This does not in any way affect the performance of the units and any such variation will diminish over a period of time as the product matures.
Product Evolution	The evolution of new product design is continuous and information is subject to change without notice. Customers should check with the supplier to ensure that they have the latest details Marshall's reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards without notice
Contact Us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233