

Cromwell Walling Pitched 220 x 100 x 65mm

Date Created: 10/05/18



For the appearance of natural stone walling at an affordable price, Cromwell Stone Walling from Marshalls 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	
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 771-5 : 2011 + A1 : 2015	
CE Marking/DOP	https://www.marshalls.co.uk/dop	
NBS Specification	F10 20	F10 290

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PHYSICAL PROPERTIES

Work Dimensions (mm)	220 x 100 x 65
Tolerances on Work Dimensions (mm)	Length +3 -5mm, width +3 -5mm, height +3 -5mm
Material Density	2300 kg/m ³ (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 ² with a characteristic compressive strength of 17.5 N/mm ²
Water Absorption (%)	≤ 3g/m ² s
Water Vapour Permeability	30/100 μ
Shear Bond Strength	0.15 N/mm ²
Dimensional Stability	0.89 mm/m

SPECIFICATION

Approx unit weight (kg)	3.5
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

APPLICATION

Suitability	Suitable for general walling projects, given correct structural design in accordance with BS EN 1996 - Design of masonry structures Over 500mm height, double skin construction should be used For double skin construction the two skins should be tied together using stainless steel bed joint reinforcement every second course Quoins are available in any standard course height to order only
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SUPPLY

Av. pack size (m ²)	6.2
Units Per Pack	360
Packaging	All packs are shrinkwrapped onto pallets for fork off-load or crane off-load if necessary

FURTHER INFORMATION

Cleaning & Maintenance	Information regarding the cleaning & maintenance of this product may be obtained 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 Marshalls 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