

## Darlstone Rural Walling 450 x 100 x 65

Date Created: 28/01/21



Darlstone Buff Rural Walling Swatch Panel

Darlstone Buff Black Rural Walling Swatch Panel

Darlstone Buff Brown Rural Walling Swatch Panel

We provide a broad range of reconstructed stone walling products that are often used in areas of traditional stone walling, as an alternative to quarried stone and is approved as such for use in National Parks and conservation areas.

Our Cromwell, Darlstone, Thistlestone and Epoch products are available in a variety of colours, from buffs, to browns, and a range of finishes to ensure our products blend easily with vernacular stonework, creating beautiful finished aesthetics for that all important kerb appeal. Bespoke colours can be developed and offered for specific schemes.

As well as housebuilding, our walling is suitable for, and used in a variety of landscaping commercial projects and applications.

Available from stock in full loads or mixed loads with bricks.

You can view our darlstone walling selector to view these products in 3D.

DESCRIPTION	
Manufacturing Process	Hydraulically pressed concrete
Base Raw Material	Concrete
CE Marking/DOP	<a href="https://www.marshalls.co.uk/dop/">https://www.marshalls.co.uk/dop/</a>
NBS Specification	F10/295

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## PHYSICAL PROPERTIES

Work Dimensions (mm)	450x100x65
Nominal Dimensions (mm)	450x100x65
Durability (Freeze-thaw)	Frost resistant
Thermal Conductivity (K value) (W/mk)	1.11 (dry), 1.24 (@3%), 1.33 (@5%)
Compressive Strength (MPa)	>20
Water Absorption (%)	7 to 11 after 24 hours
Water Vapour Permeability ( $\mu$ )	5/15 (Tabulated from EN1745)
Shear Bond Strength (N/mm <sup>2</sup> )	0.15 (Tabulated from EN998-2:2003 Annex C)
Dimensional Stability (mm/m)	0.6

## SPECIFICATION

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
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## SUPPLY

Packaging	Non returnable pallet, banded and shrink wrapped
m <sup>2</sup> per pack	6.62
Approx. No. units per pack	192

## 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 Product Evolution 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	marshallsedenhall@marshalls.co.uk