Marshalls
Creating Better Spaces

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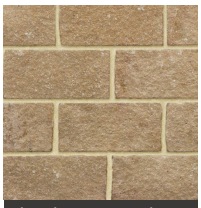
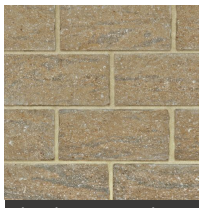
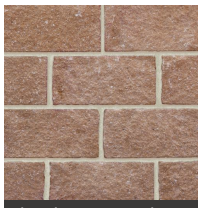
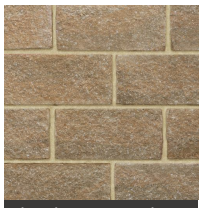
Thistlestone Pitched Walling 300 x 100 x 215 mm

Date Created: 19/01/19


Thistlestone Split - Buff


Thistlestone Split Face - Buff Black


Thistlestone Split Face - Red


Thistlestone Split Face - Buff Brown

Thistlestone Reconstructed Stone Walling is suitable for commercial and housing projects for both load and non-load bearing walls. As with Marshalls' other reconstructed walling products, Thistlestone provides a high-quality natural stone face appearance at an affordable price, favoured by developers and house builders.

Thistlestone comes in three finishes – Pitched, Split or Rustic. 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.

Thistlestone Walling is only available in Scotland.

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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Thistlestone Pitched Walling 300 x 100 x 215 m

Date Created: 19/01/19

PHYSICAL PROPERTIES

Work Dimensions (mm)	300 x 100 x 215
Nominal Dimensions (mm)	300 x 100 x
Tolerances on Work Dimensions (mm)	Length +3 -5mm, width +3 -5mm, height +3 -5mm
Durability (Freeze-thaw)	Frost resistant
Material Density	2300 kg/m³ (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/mm² with a characteristic compressive strength of 17.5 N/mm²
Water Absorption (%)	≤ 3g/m²s
Water Vapour Permeability	30/100 μ
Shear Bond Strength	0.15 N/mm131
Dimensional Stability	0.89 mm/m

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

SUSTAINABILITY

Carbon Footprint	Available on Request

APPLICATION

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

SUPPLY

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 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