

## Howlite Grey Facing Bricks



Howlite Grey is an understated grey facing brick with a slightly textured finish. Part of our innovative Contemporary perforated facing brick range, which has been designed to provide striking colours that are perfect for bold designs. Adhering to the highest industry standards, we manufacture all of our bricks to the highest specifications, ensuring an unparalleled level of quality.

DESCRIPTION	
Manufacturing Process	Vibro-compacted pressed concrete
Base Raw Material	Concrete
Green Guide Rating	A+
Governing Manufacturing Standards	All data where relevant to be established in accordance with BS EN 771-3 : 2011 + A1 : 2015
UKCA Marking/DOP	<a href="http://www.marshalls.co.uk/declarations">www.marshalls.co.uk/declarations</a>
NBS Specification	F10/215

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## PHYSICAL PROPERTIES

Work Dimensions (mm)	215 x 100 x 65
Nominal Dimensions (mm)	215 x 100 x 65
Tolerances on Work Dimensions (mm)	Category D1 (+3-5mm in all directions)
Gross Density	1920kg/m <sup>3</sup>
Material Density	1950 kg/m <sup>3</sup> average
Thermal Conductivity (K value)	1.11 W/mK (dry); 1.24 W/mK (@3%); 1.33 W/mK (@5%)
Water Vapour Permeability (?)	5/15μ (Tabulated from EN 1745)
Shear Bond Strength (N/mm <sup>2</sup> )	0.15N/mm <sup>2</sup> (Tabulated from EN 998-2: 2003, Annex C)
Dimensional Stability	<0.6 mm/m

## SPECIFICATION

Emission of Asbestos	No content
Reaction to fire	Euroclass A1
Installation	Available on request
Selection Of Mortar	Spacing and width should be based on the guidelines provided in BS EN 1996 -Design of Masonry Structures
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
Moisture Movement	<0.45mm/m

## APPLICATION

Suitability	Eminently suitable for use below dpc in foundations, boundary walls and externally above ground level up to sulphate resistance class DS2, regardless of the severity of exposure. Manufactured and tested in accordance with BS EN 771-3: 2011+A1 2015: Specification for Masonry Units: Aggregate Concrete Masonry Units
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## SUPPLY

Units Per Pack	396
Packaging	Self contained packs, palletised with polythene stretch hood and with or without banding straps dependant on supply works

## 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. Our manufacturing process involve the incorporation of advanced additives both within and on the surface of the brick. The amount of efflorescence emanating from the bricks can thus be classed as minimal

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.
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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
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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	As many of these products are made to order for specific markets, please obtain further details on specification details, product availability, pack
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sizes and weights from your local Edenhall Sales Office, or alternatively call our Head Office

