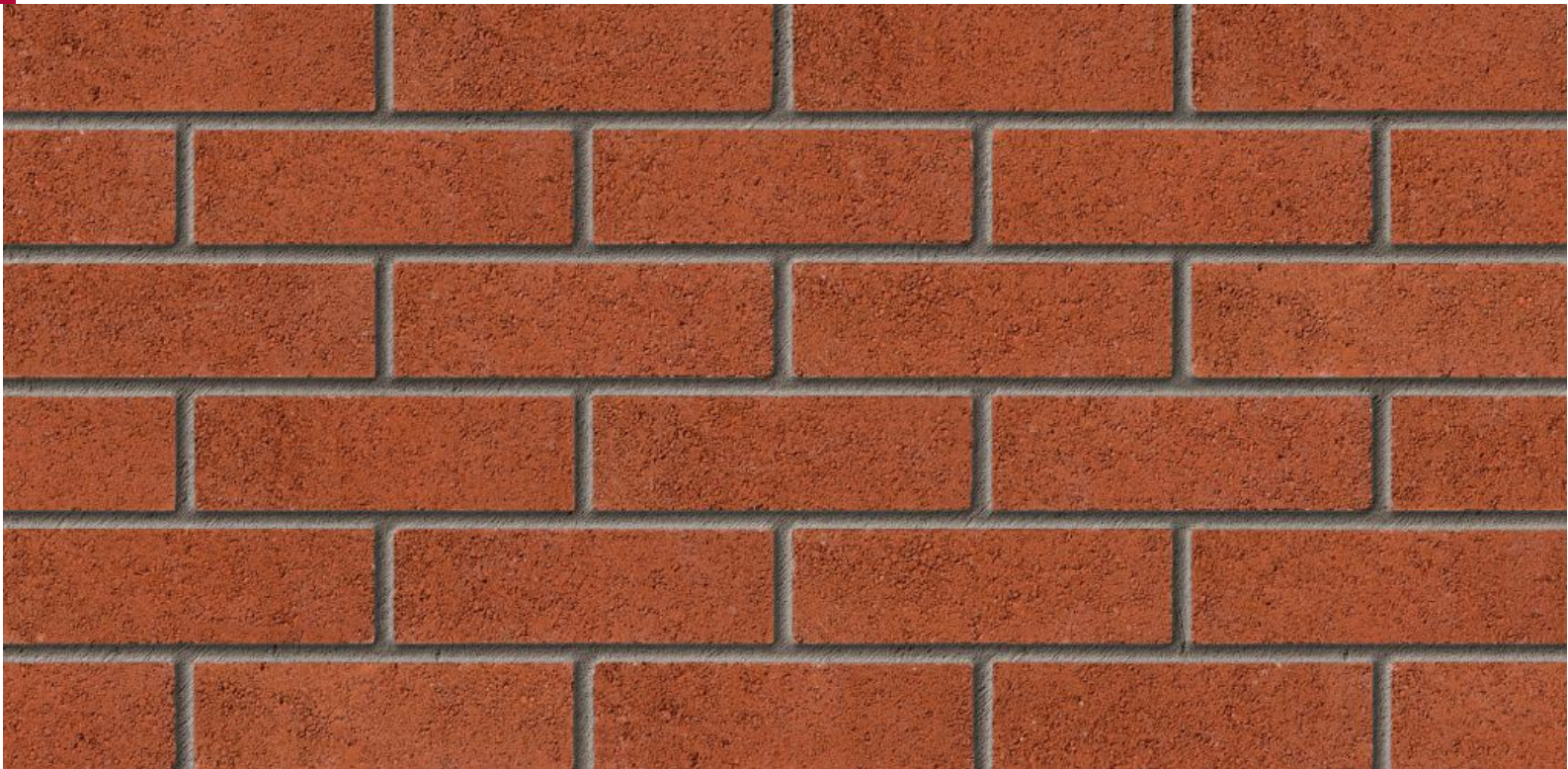


Freiston Red

Date Created: 17/05/23



Freiston Red is a classic red/orange facing brick from the Parkview range. A stunning range of sustainable facing brick products brought to you by Marshalls Bricks and Masonry.

DESCRIPTION	
Manufacturing Process	Vibro-compacted pressed concrete
Base Raw Material	Concrete
Green Guide	A+
UKCA Marking/DOP	https://www.marshalls.co.uk/declarations

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PHYSICAL PROPERTIES

Work Dimensions (mm)	215 x 100 x 65
Nominal Dimensions (mm)	215 x 100 x 65
Durability (Freeze-thaw)	Frost Resistant
Gross Density	1920kg/m ³
Thermal Conductivity (K value)	1.11 W/mK (dry); 1.24 W/mK (@3%); 1.33 W/mK (@5%)
Compressive Strength (MPa)	>22.5MPa. Air dry
Water Vapour Permeability	5/15 μ (Tabulated from EN 1745)
Shear Bond Strength	0.15N/mm ² (Tabulated from EN 998-2: 2003, Annex C)
Dimensional Stability	<0.6 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	Euroclass A1
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

SUSTAINABILITY

Carbon Footprint	kg CO ₂
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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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SITE WORKS

Installation	Available on request
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FURTHER INFORMATION

Cleaning & Maintenance	Cleaning & maintenance details are available on request
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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
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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. Marshalls reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards
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Contact Us	As many of these products are made to order for specific markets, please obtain further details on specification details, product availability, pack sizes and weights from the Marshalls Bricks & Masonry Sales Team bricksbm@marshalls.co.uk , or alternatively call 01633 600 806
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