



contact numbers

sales office 01782 568268

design advice 0870 903 4018

technical services 0870 903 4017

literature and samples 0870 903 4030

ideas into action

Ecoterre™ Earth Bricks

A range of unfired clay bricks intended for most internal non load-bearing applications.

Unfired clay bricks have excellent sustainability credentials – low energy input, very low waste and high recyclability and Ecoterre™ is manufactured in the UK. When incorporated into a building they give thermal mass and acoustic insulation, inhibit condensation and regulate the relative humidity of the atmosphere.

Earth Bricks

Unfired clay product. Available in two sizes and with a smooth finish if required. The distinctive keyed faces of the earth bricks have been developed to provide an excellent bond with plaster or mortar to the surfaces. Perforation patterns may vary.

Earth Brick Standard

Code	EB3590
Size	220 x 105 x 67mm
Configuration	Vertically perforated
Compressive Strength	3.8 N/mm ²
Weight	3.0 Kg
Density	1940 Kg/m ³

Earth Brick Large

Code	EC3590
Size	220 x 105 x 133mm
Configuration	Vertically perforated
Compressive Strength	2.9 N/mm ²
Weight	6.0 Kg
Density	1940 Kg/m ³

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ideas into action

Ecoterre™ Earth Bricks



Suppliers of Complementary Materials

Clay/Lime Mortars

Light Clay Mortar	Construction Resources
Lime Mortar	Lime Technology Ltd (Limetec)

Clay Plasters

Claytec Undercoat	Construction Resources Natural Building Technologies Ltd Earthborn Paints
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Claytec Top Coat	Construction Resources Womerseleys Ltd Earthborn Paints
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Bayosan	Natural Building Technologies Ltd
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Clay Board	Construction Resources Womerseleys Ltd
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Clay Paint

Tierrafino	Construction Resources
Volvox	Earthborn Paints

Refer to our website www.ibstock.com for full contact details



Usage Guidance

Handling & Storage

Only forks should be used to unload the pallets and the movement of unfired clay bricks should be kept to a minimum. Store in the dry on the original pallet and ventilate to avoid condensation. They should be stacked no more than two packs high.

Laying

It is recommended that moderately hydraulic lime mortar should be used to lay the bricks. Alternatively clay mortars are available.

Finishes

Unfired clay brickwork can be finished with a variety of breathable materials including clay and lime plasters, clay boards, some paints and limewashes. Only highly vapour permeable paints should be used.

Fixings

Unfired clay bricks will generally only require standard fixings for secondary works, such as plumbing, electrics and joinery. Ordinary masonry plugs and screws are suitable for most applications - a list of approved products is available on request or on our website.

Brick Quantities

(10mm joints have been included for all calculations)

Earth Brick Standard

Stretcher Bond – single skin thickness (105mm)	57 per m ²
English Bond – double skin thickness (220mm)	113 per m ²

Earth Brick Large

Stretcher Bond – single skin thickness (105mm)	31 per m ²
English Bond – double skin thickness (220mm)	61 per m ²
Header Bond on Edge – double skin thickness (220mm)	61 per m ²