

# Claytec compressed unfired clay bricks

## Claytec NF compressed clay brick

### INTRODUCTION

Claytec compressed unfired clay bricks are earth bricks that can be used for non-loadbearing walls or infill for timber frame constructions. They have a high density which gives them good acoustic properties and a high thermal mass. Clay bricks also help regulate temperature and humidity, making them ideal for 'breathing' constructions.

### ADVANTAGES

- The density of Claytec compressed clay bricks is ideal for thermal mass and sound insulation
- Ideally suited for high comfort modern buildings
- Clay surfaces absorb and diffuse water vapour
- Clay absorbs odours
- Clay surfaces are cool in summer, warm in winter
- Clay products are ideal for historic building refurbishment as well as new build

### GENERAL

These compressed clay bricks are more dense than the Claytec light clay bricks (2DF) bricks, and therefore provide higher thermal mass, as well as good sound insulation.

They can be dry stacked within a timber framework or wet laid to form non loadbearing brickwork which can be plastered with a clay plaster or left as fairfaced brickwork. External walls must be rendered. For non loadbearing

brickwork light clay mortar is used, which is a mixture of clay and sand.

Claytec products, which are manufactured in Germany, also include plasters, clay boards and mortars, and embody experience gained from over 15 years of working with clay on a commercial scale. They are high quality products widely used all over the continent.

### SUPPLY

#### Availability

**Claytec compressed unfired clay bricks, light clay mortar**, light clay bricks, boards and plasters are available direct from Construction Resources.



### PRODUCT DATA

#### Claytec compressed unfired clay bricks

|        |       |
|--------|-------|
| Height | 71mm  |
| Length | 240mm |
| Width  | 115mm |

*Allow for 5% dimensional variation on height, length and width*

|                                   |                          |
|-----------------------------------|--------------------------|
| Density                           | 1500/m <sup>3</sup>      |
| Thermal conductivity              | 0.95 W/mK                |
| Number of bricks / m <sup>2</sup> | 50 bricks/m <sup>2</sup> |
| Packaged                          | 416 bricks / pallet      |

#### Light Clay Mortar

|                                    |   |
|------------------------------------|---|
| 1,200kg bag (1m <sup>3</sup> size) | Sufficient for 28m <sup>2</sup> of clay brick wall construction |
|------------------------------------|---|

### SERVICES

#### Sales

For cost quotations please contact the Sales Department at the address below.

#### Technical

For further technical information on this product please contact a product specialist at the address below.