

# EARTH BLOCKS



[www.earthblocks.co.uk](http://www.earthblocks.co.uk)

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## **COB PRODUCTS**

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## **THANK YOU FOR YOUR INTEREST.**

*We hope that you find the following pages helpful.*

*If you have any queries, require further information and/or have a design in mind, please let us know and we'll be happy to help.*

### **Introduction**

Earth Blocks Ltd was established in July 2020 by Accredited Cob Specialist Leslie Cornell Snr [www.thecobspecialist.co.uk](http://www.thecobspecialist.co.uk) and is a company that specialises in the manufacture of earthen cob blocks and earthen cob bricks for the repair, re-build and new-build sectors of earth and cob in construction. Our aim is to achieve recognised effective conservation, promote sustainable architecture and endorse natural building. Successful development of our rounded cob products is unique to an arguably already distinctive arena within the construction industry; however, it is well founded. Our pre-manufacturing process, manufacturing processes and the products themselves [for our entire range of CEB's) have now secured IP protection and justified patency founded from superior product quality and extensive end-use variability and effectivity.

Our entire range of cob products are manufactured from naturally clay-rich soil/s that are sourced from our home county of Cornwall. There are no hardeners, resins, lime and/or cement additives used at any stage of pre-manufacture or manufacture. We use only raw, natural materials; clayey soils, straw and water. Environmentally mindful, appropriate soil/s are acquired through interception of 'waste' material leaving large-scale development/s and destined for landfill. Straw is locally grown and sourced either direct from one of many nearby farms or purchased from local agricultural stores. Water for the pre-manufacturing phase is a crucial ingredient therefore to maintain and support our sustainability ethic ALL water used is from rainwater collection from our depot buildings. In addition, ALL of our earthen cob products are dried naturally and are not fired.

### **Historic [Built] Environment**

Attentive to Good Practice Guidelines, Conservation of the Historic [Built] Environment and Heritage Impact Awareness/Guidance, the creation of our rounded and sized earthen cob products has significantly expanded the options of two principal areas: the Design Phase and the Construction/Repair Phase. With a systemic approach that is currently limited to 'rebuild/repair with cob block' this has [and is] proven to be restrictive and/or vague. Therefore, it is these subjects we have addressed by providing more scope and availability for the designer/user to ensure a sustainable and effective solution.

### **Earthen Cob Products**

Our earthen cob product range is divided into three categories: Earthen Cob Blocks, Earthen Cob Brocks and Earthen Cob Bricks. All 3 are available as standard or rounded and can be used in an extensive breadth of situations from minor earthen cob wall repairs, full rebuilds and new build. Due diligence is assured throughout the process of pre-manufacture, production and curing to ensure every product is uniform to its [stated] dimensions, user friendly and fit for purpose. In addition to these qualities, our earthen cob products are not only compatible with each other, they deliver cost-saving performance from reduced common binder mortar required and eradication of excessive use of plaster/render applications (potentially) thereafter. **Further reading can be found at the back of this brochure. These include:**

**Cradle-to-Gate – Product Constituents – Bonding Techniques – Cavity Walling – Soil Analysis**

### **Ornamental**

We continue with developing new shapes for [all 3 categories of] our earthen cob product range to promote the versatility of clayey earth and cob and to demonstrate our understanding of this natural, building medium. Subsequently, some of our 'specials', again compatible across our product range, can be used for one-off installations and/or ornamental structures. If you have a design idea or would like us to experiment with *your* soil combinations then please contact us...the learning-curve stretches both ways...we are not shy of exploration and experimentation here!

### **Coatings and Weather Protection**

#### **Internal:**

Earth Plaster – Clay Plaster – NHL Plasters – Non-hydraulic Lime Plasters – Insulating Plasters – Chalk Plasters – Mineral Paints

#### **External:**

NHL Renders – Non-hydraulic Lime Renders – Chalk Renders – Mineral Paints

### **Cob Courses and Cob Workshops**

[COB Courses & CPDs - The Cob Specialist](#)

## Standard Blocks

**Product code: BL100**



**Description:** Standard Cob Block (100mm)

**Dimensions:** 385 x 100 x 215 mm

**Cost (exc. VAT):** £3.20 each

**Cost p/m2 (exc. VAT):** £76.80 (on flat)

**Product Information:**

Suitable for medium to larger sized cob wall rebuilds, new builds and extensive repairs.

Compressive Strength (spread load) = 1.8N (edge) - +10N (flat)

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

**Product code: BL150**



**Description:** Standard Cob Block (150mm)

**Dimensions:** 385mm x 150mm x 215mm

**Cost (exc. VAT):** £4.40 each

**Cost p/m2 (exc. VAT):** £52.80 (on edge) £79.20 (on flat)

**Product Information:**

Suitable for medium to larger sized cob wall rebuilds, new builds and extensive repairs.

Compressive Strength (spread load) = 8.8N (edge) - +10N (flat)

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

**Product code: BL125**



**Description:** Standard Cob Block (125mm)

**Dimensions:** 385mm x 125mm x 215mm

**Cost (exc. VAT):** £4.15 each

**Cost p/m2 (exc. VAT):** £49.80 (on edge) £87.15 (on flat)

**Product Information:**

Suitable for medium to larger sized cob wall rebuilds, new builds and extensive repairs.

Compressive Strength (spread load) = 2.2N (edge) - +10N (flat)

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

**Product code: BL70**



**Description:** Standard Cob Block (70mm)

**Dimensions:** 385 x 70 x 215 mm

**Cost (exc. VAT):** £3.20 each

**Cost p/m2 (exc. VAT):** £122.00

**Product Information:**

Suitable for medium to larger sized cob wall rebuilds, new builds and extensive repairs. Can also be used for adjusting course heights.

Compressive Strength (spread load) = 3.2N (flat)

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Single Round Blocks

**Product code: BL100/84R**



**Description:** Single Round Cob Block (100mm) 84D

**Dimensions:** 385 x 100 x 215 mm

**Cost (exc. VAT):** £5.40 each

**Product Information:**

Suitable for medium to larger sized rebuilds and new builds to window and door reveals + external building corners.

Compressive Strength (spread load) = +10N

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

**Product code: BL70/50R**



**Description:** Single Round Cob Block (70mm) 50D

**Dimensions:** 385 x 70 x 215 mm

**Cost (exc. VAT):** £5.40 each

**Product Information:**

Suitable for medium to larger sized rebuilds and new builds to window and door reveals + external building corners that require less radius.

Compressive Strength (spread load) = 3.2N

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Short Cornice Blocks

**Product code: BL100/84SC**



**Description:** Short Cornice (100mm) 84D

**Dimensions:** 385 x 100 x 215 mm

**Cost (exc. VAT):** £5.40 each

**Product Information:**

Suitable for medium to larger sized cob wall rebuilds and new builds as a first course component, providing an overhang.

Compressive Strength (spread load) = +10N

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

**Product code: BL100/50SC**



**Description:** Short Cornice (100mm) 50D

**Dimensions:** 385 x100 x 215 mm

**Cost (exc. VAT):** £5.40 each

**Product Information:**

Suitable for medium to larger sized cob wall rebuilds and new builds as a first course component, providing an overhang with less radius.

Compressive Strength (spread load) = +10N

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

**Product code: BL70/50SC**



**Description:** Short Cornice (70mm) 50D

**Dimensions:** 385 x70 x 215 mm

**Cost (exc. VAT):** £5.40 each

**Product Information:**

Suitable for medium to larger sized cob wall rebuilds and new builds as a first course component, providing an overhang with less radius.

Compressive Strength (spread load) = 3.2N

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Long Cornice Blocks

**Product code: BL100/84LC**



**Description:** Long Cornice (100mm) 84D

**Dimensions:** 385 x 100 x 215 mm

**Cost (exc. VAT):** £5.40 each

<b>Product Information:</b>	Suitable for medium to larger sized cob wall rebuilds and new builds as a first course component, providing an overhang. Compressive Strength (spread load) = 3.2N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

**Product code: BL100/50LC**



**Description:** Long Cornice (100mm) 50D

**Dimensions:** 385 x 100 x 215 mm

**Cost (exc. VAT):** £5.40 each

<b>Product Information:</b>	Suitable for medium to larger sized cob wall rebuilds and new builds as a first course component, providing an overhang with less radius. Compressive Strength (spread load) = +10N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

**Product code: BL70/50LC**



**Description:** Long Cornice (70mm) 50D

**Dimensions:** 385 x 700 x 215 mm

**Cost (exc. VAT):** £5.40

<b>Product Information:</b>	Suitable for medium to larger sized cob wall rebuilds and new builds as a first course component, providing an overhang with less radius. Compressive Strength (spread load) = 3.2N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Corner Cornice Blocks

**Product code: BL100/84C**



**Description:** Corner Cornice (100mm) 84D

**Dimensions:** 385 x 100 x 215 mm

**Cost (exc. VAT):** £9.40 each

**Product Information:**

Suitable for medium to larger sized cob wall rebuilds and new builds as a corner starter block, providing an overhang.

Compressive Strength (spread load) = 3.2N

**Common binder:**

NHL 2 and coarse sand, Clay Mortar, Non-hydraulic Lime and coarse sand

**Product code: BL100/50C**



**Description:** Corner Cornice (100mm) 50D

**Dimensions:** 385 x 100 x 215 mm

**Cost (exc. VAT):** £9.40 each

**Product Information:**

Suitable for medium to larger sized cob wall rebuilds and new builds as a corner starter block providing an overhang with less radius.

Compressive Strength (spread load) = +10N

**Common binder:**

NHL 2 and coarse sand, Clay Mortar, Non-hydraulic Lime and coarse sand

**Product code: BL70/50C**



**Description:** Corner Cornice (70mm) 50D

**Dimensions:** 385 x 70 x 215 mm

**Cost (exc. VAT):** £9.40 each

**Product Information:**

Suitable for medium to larger sized cob wall rebuilds and new builds as a corner starter block providing an overhang with less radius.

Compressive Strength (spread load) = 3.2N

**Common binder:**

NHL 2 and coarse sand, Clay Mortar, Non-hydraulic Lime and coarse sand

# SPECIAL COB BLOCK PRODUCTS

## Double Rounded Blocks

**Product code: BL100/84DR**



**Description:** Double Round Cob Block (100mm) 84D

**Dimensions:** 385 x 100 x 215 mm

**Cost (exc. VAT):** £6.40 each

<b>Product Information:</b>	Suitable for cob rebuilds and new builds as a window/door mullion Compressive Strength (spread load) = +10N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

**Product code: BL100/50DR**



**Description:** Double Round Cob Block (100mm) 50D

**Dimensions:** 385 x 100 x 215 mm

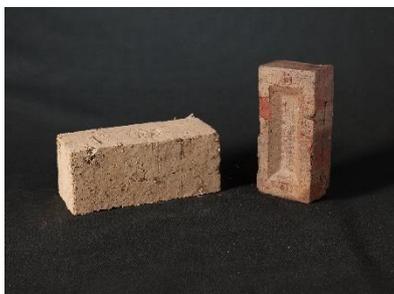
**Cost (exc. VAT):** £6.40

<b>Product Information:</b>	Suitable for cob rebuilds and new builds as a window/door mullion Compressive strength (spread load) = +10N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

# COB BROCK PRODUCTS

## Standard Brock

Product code: BR100



**Description:** Standard Cob Brock (100mm)

**Dimensions:** 255 x 100 x 100 mm

**Cost (exc. VAT):** £2.20 each

**Cost p/m2 (exc. VAT):** £79.20

<b>Product Information:</b>	Suitable for small, medium to larger cob wall repairs, rebuilds and new builds. Compressive Strength (spread load) = 3.2N
<b>Common binder:</b>	NHL2 and coarse sand/ Clay mortar/ Non-hydraulic Lime and coarse sand

## Single Round Brocks

Product code: BR84/R



**Description:** Single Round Cob Brock 84D

**Dimensions:** 255 x 100 x 100 mm

**Cost (exc. VAT):** £4.00 each

<b>Product Information:</b>	Suitable for small, medium or large cob wall repairs, cob rebuilds and new builds to window and door reveals. Compressive Strength (spread load) = 3.2N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

Product code: BR50/R



**Description:** Single Round Cob Brock 50D

**Dimensions:** 255 x 100 x 100 mm

**Cost (exc. VAT):** £4.00 each

<b>Product Information:</b>	Suitable for small, medium or large cob wall repairs, cob rebuilds and new builds to window and door reveals with less radius. Compressive Strength (spread load) = 3.2N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Window Reveal Brock

**Product code: BR45/D**



**Description:** Window Reveal Cob Brock

**Dimensions:** 255 x 100 x 100 mm

**Cost (exc. VAT):** £4.50 each

<b>Product Information:</b>	Suitable for cob repairs, rebuilds and new builds to splayed window internal reveals Compressive Strength (spread load) = 3.2N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Curved Brock

**Product Code: BR/CB**



**Description:** Curved Cob Brock

**Dimensions:** 255 x 100 x 100 mm

**Cost (exc. VAT):** £4.00 each

<b>Product Information:</b>	Suitable for curved walling, arches and bespoke architecture. Radii of 822mm Compressive Strength (spread load) = 3.2N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

# SPECIAL COB BROCK PRODUCTS

## Double Rounded Brock

Product code: BR84/DR



**Description:** Double Round Cob Brock 84D

**Dimensions:** 255 x 100 x 100 mm

**Cost (exc. VAT):** £4.80 each

<b>Product Information:</b>	Suitable for ornamental and/or bespoke architecture Compressive Strength (spread load) = 3.2N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Long Cornice Brock

Product code: BR50/LC



**Description:** Long Cornice Cob Brock 50D

**Dimensions:** 255 x 100 x 100 mm

**Cost (exc. VAT):** £4.00 each

<b>Product Information:</b>	Suitable for ornamental and/or bespoke architecture Compressive Strength (spread load) = 1.8N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Corner Cornice Brock

Product code: BR50/C



**Description:** Corner Cornice Cob Brock 50D

**Dimensions:** 255 x 100 x 100 mm

**Cost (exc. VAT):** £8.80 each

<b>Product Information:</b>	Suitable for ornamental and/or bespoke architecture Compressive Strength (spread load) = 1.8N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Cill Brock

**Product code: BR/CILL/L**

**Product code: BR/CILL/S**



**Description:** Cob Cill Brock (Long & Short)

**Dimensions:** 255 x 100 x 100mm

**Cost (exc. VAT):** £4.00 each

**Product Information:**

Suitable for ornamental and/or bespoke architecture

Compressive Strength (spread load) = 3N

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

**Product code: BR/CILL/C**



**Description:** Cob Cill Brock (Corner)

**Dimensions:** 255 x 100 x 100mm

**Cost (exc. VAT):** £6.40 each

**Product Information:**

Suitable for ornamental and/or bespoke architecture

Compressive Strength (spread load) = 3N

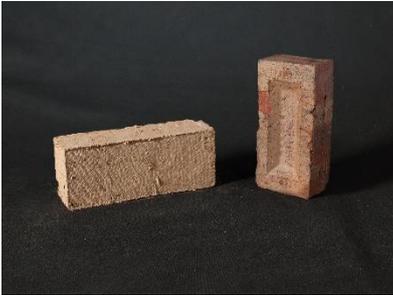
**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

# COB BRICK PRODUCTS

## Standard Brick

Product code: BK70



**Description:** Standard Cob Brick

**Dimensions:** 255 x 70 x 100 mm

**Cost (exc. VAT):** £2.00 each

**Cost p/m2 (exc. VAT):** £88.00

**Product Information:**

Suitable for small to larger sized cob repairs, cob rebuilds and new cob builds. Ideal for localised cob repairs, course height adjusters and infill.

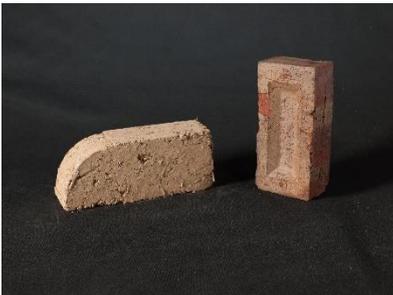
Compressive Strength (spread load) = 3.2N

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Single Round Brick

Product code: BK84/R



**Description:** Single Round Cob Brick 84D

**Dimensions:** 255 x 70 x 100 mm

**Cost (exc. VAT):** £4.00 each

**Product Information:**

Suitable for small, medium and larger sized cob wall repairs, cob rebuilds and cob new builds to window/door reveals. Can be used as a course height adjuster.

Compressive Strength (spread load) = 3.2N

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

Product code: BK50/R



**Description:** Single Round Cob Brick 50D

**Dimensions:** 255 x 70 x 100 mm

**Cost (exc. VAT):** £4.00 each

**Product Information:**

Suitable for small, medium and larger sized cob wall repairs, cob rebuilds and cob new builds to window/door reveals that require less radius.

Compressive Strength (spread load) = 3.2N

**Common binder:**

NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## **Brick Slip**

**Product code: BK30**



**Description:** Brick Slip

**Dimensions:** 255 x 30 x 100 mm

**Cost (exc. VAT):** £2.00 each

<b>Product Information:</b>	Suitable for small cob repairs, course adjustments and ornamental. Compressive Strength (spread load) = .1N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## **Arch Bricks**

**Product code: BK7060**

**Product code: BK6050**



**Description:** Arch Bricks

**Dimensions:** 255 x 70/60 x 100 mm

**Dimensions:** 255 x 60/50 x 100 mm

**Cost (exc. VAT):** £4.00 each

<b>Product Information:</b>	Suitable for architectural & ornamental arches and round openings
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

# SPECIAL COB BRICK PRODUCTS

## Cob Brick Springers

Product code: BK/SPRING/H



**Description:** Cob Brick Springer (Header)

**Dimensions:** 255 x 100 x 100 mm

**Cost (exc. VAT):** £4.00 each

<b>Product Information:</b>	Suitable for architectural & ornamental arches and round openings
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

Product code: BK/SPRING/S



**Description:** Cob Brick Springer (Stretcher)

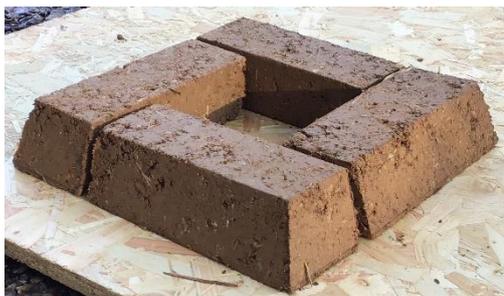
**Dimensions:** 255 x 100 x 100 mm

**Cost (exc. VAT):** £4.00 each

<b>Product Information:</b>	Suitable for architectural & ornamental arches and round openings
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Cob Cill Brick

Product code: BK/CILL/C



**Description:** Cob Cill Brick (Corner)

**Dimensions:** 255 x 100 x 100 mm

**Cost (exc. VAT):** £4.80 each

<b>Product Information:</b>	Suitable for architectural & ornamental arches and round openings Compression Strength (spread load) = 3N
<b>Common binder:</b>	NHL 2 and coarse sand/ Clay Mortar/ Non-hydraulic Lime and coarse sand

## Cob Bee Brick

Product code: BKBEE



**Description:** Bee Brick

**Dimensions:** 255 x 70 x 100 mm

**Cost (exc. VAT & delivery):** £12.50 each

**Product Information:** 100% eco-friendly, natural habitat for bees

**Cobbee Bricks - Earth Blocks UK**

## Pre-mixed Cob

**800kg (dumpy) bag** £137.50 (exc VAT & delivery)



**Loose (per tonne)** £123.20 (exc VAT & delivery)



**1 tonne of pre-mixed cob can:**

- produce approx. 50 standard cob blocks *or*
- produce approx. 250 standard cob bricks *or*
- produce approx. 1.1 m<sup>3</sup> of walling (based on 600mm of thickness)

## **CRADLE to GATE INFORMATION (per product)**

### **Raw Material Source**

Our raw materials (i.e. clayey soils) are sourced from large scale development sites and therefore have already been excavated and stockpiled. CO<sub>2</sub>e figures omitted.

### **Raw Material Transportation (to our facility)**

Our raw materials (i.e. clayey soils) are loaded from stockpile to heavy transport at source and delivered to our facility by road haulage. These soils would have been destined for landfill therefore [haulage] CO<sub>2</sub>e figures are omitted.

### **Water (mixing process)**

All water required comes from numerous IBC's around the premises that collect rainwater from [diverted] roof downpipes.

### **Raw Material Mixing Process**

All raw material mixing is undertaken with a 7.5t swing-shovel plant (diesel);

- Fuel consumption = 0.007kg/CO<sub>2</sub>e

### **Manufacturing Process (renewable energy)**

All products are hydraulically pressed in our machines that are driven by a 15kw electric 3-phase motor

- Power Consumption = 0.008kg/CO<sub>2</sub>e (this could be 'zero' based on 'renewable energy' – but no green-washing here)

### **Product Movement (x2)**

All products are stored on purpose-made, stacking systems and are dried naturally. Movement of products is by a diesel-powered forklift.

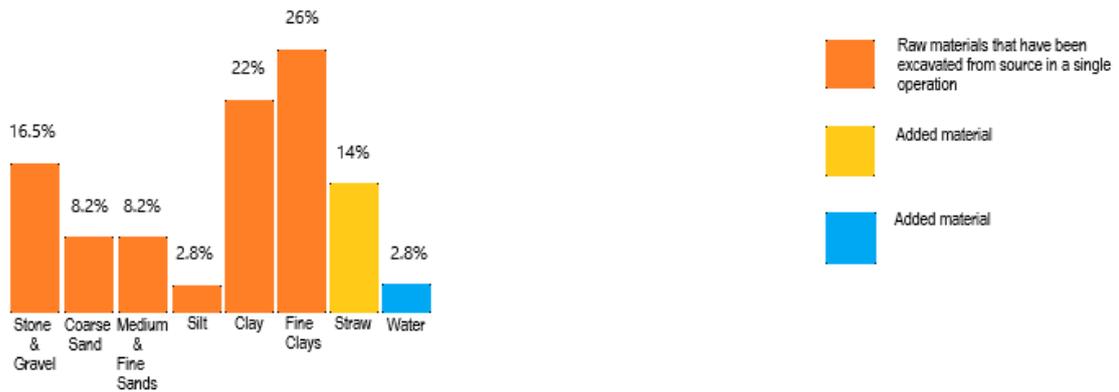
- Fuel Consumption = 0.003kg/CO<sub>2</sub>e

**Total = 0.018kg/CO<sub>2</sub>e\***

\*Cradle to Gate analytics for the production of our cob blocks indicates **95% less** CO<sub>2</sub>e is generated than that of concrete blocks.

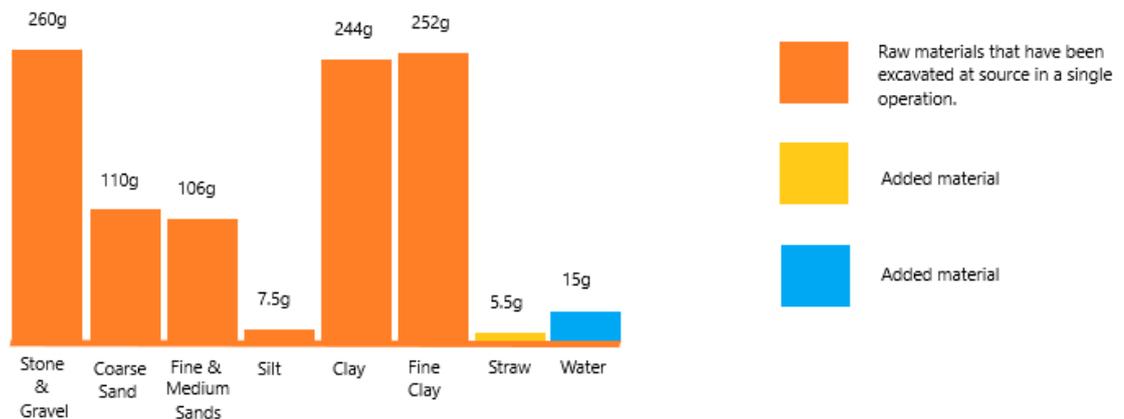
# PRODUCT CONSTITUENTS

## RAW MATERIALS by VOLUME (1kg of dried product)



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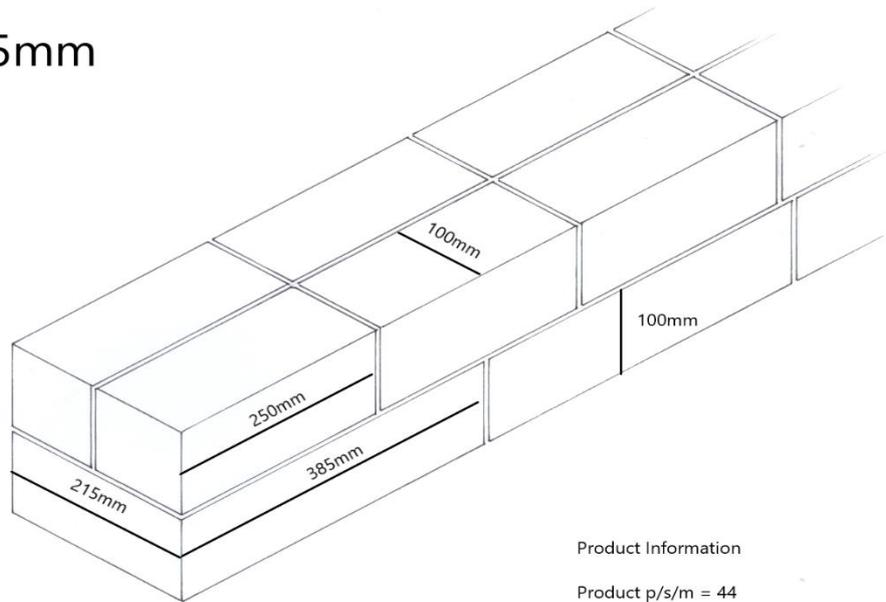
## RAW MATERIALS by WEIGHT (1kg of dried product)



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## BONDING TECHNIQUES

### SOLID WALL 215mm (without cuts)

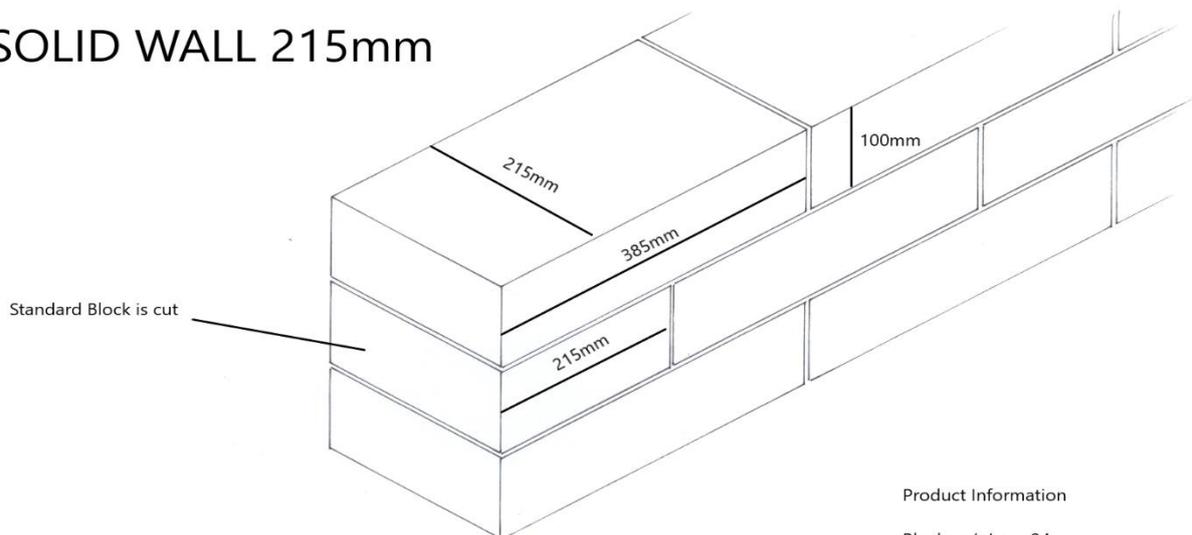


#### Product Information

Product p/s/m = 44  
Standard Block Code - BL100  
Standard Brock Code - BR100

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### SOLID WALL 215mm



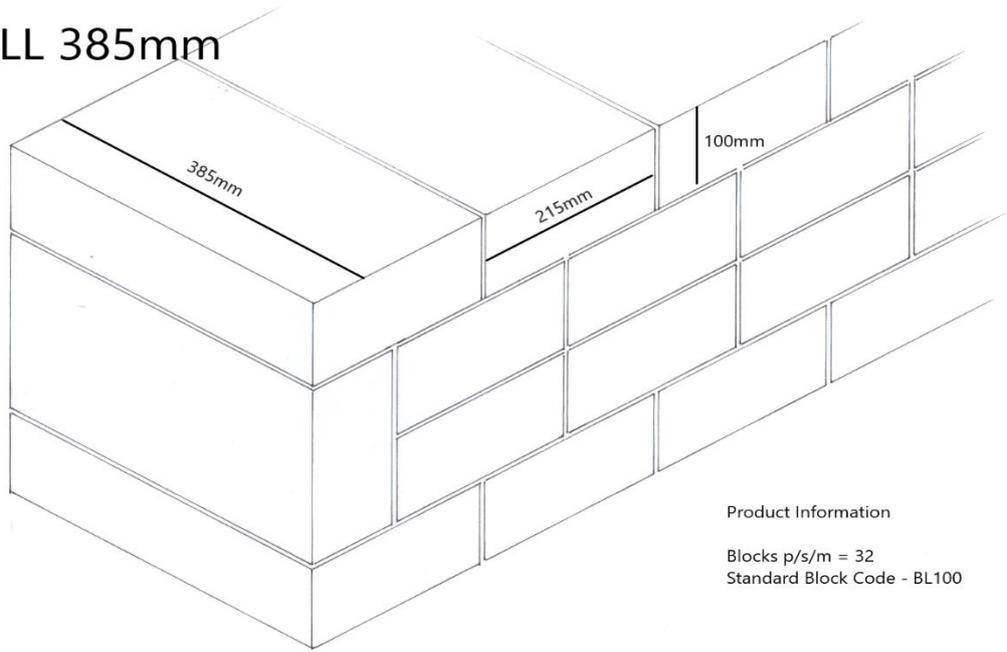
Standard Block is cut

#### Product Information

Blocks p/s/m = 24  
Standard Block Code - BL100

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## SOLID WALL 385mm

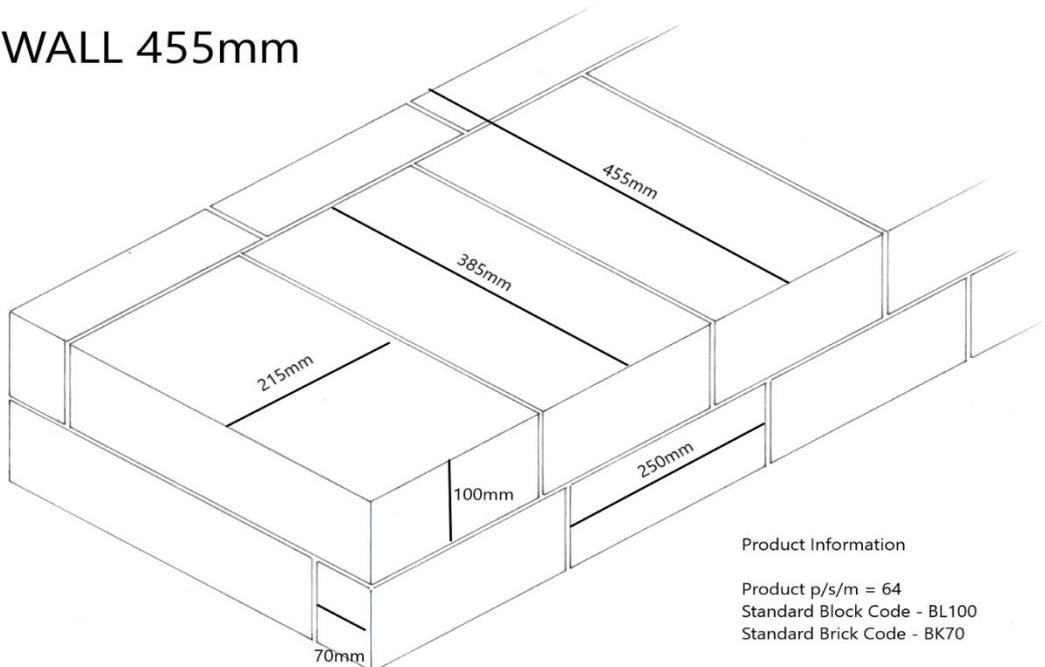


### Product Information

Blocks p/s/m = 32  
Standard Block Code - BL100

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## SOLID WALL 455mm

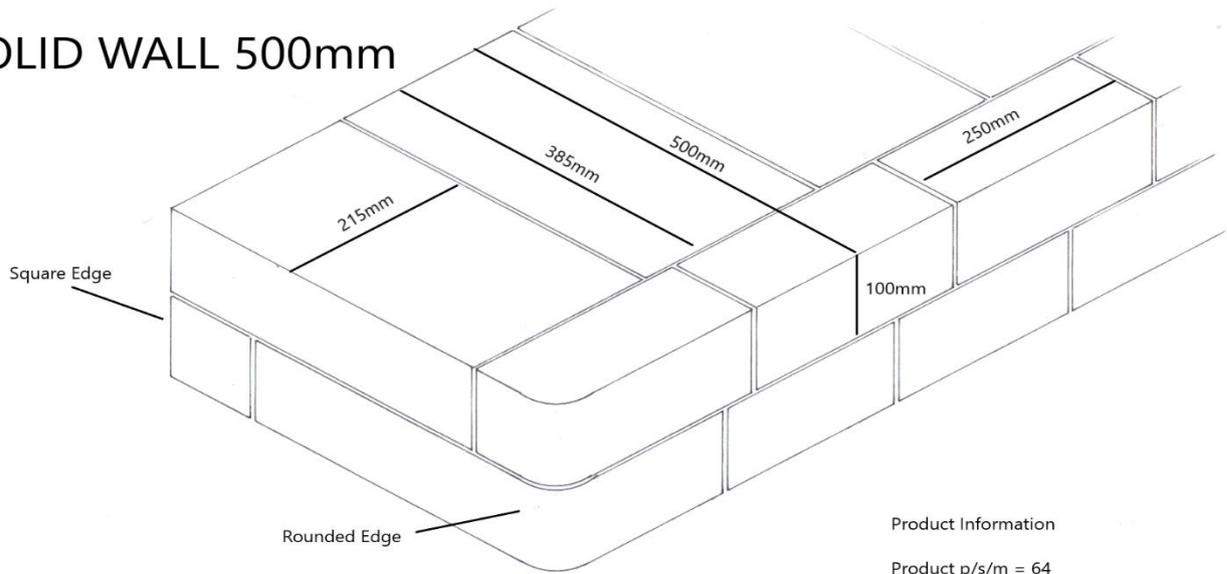


### Product Information

Product p/s/m = 64  
Standard Block Code - BL100  
Standard Brick Code - BK70

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## SOLID WALL 500mm

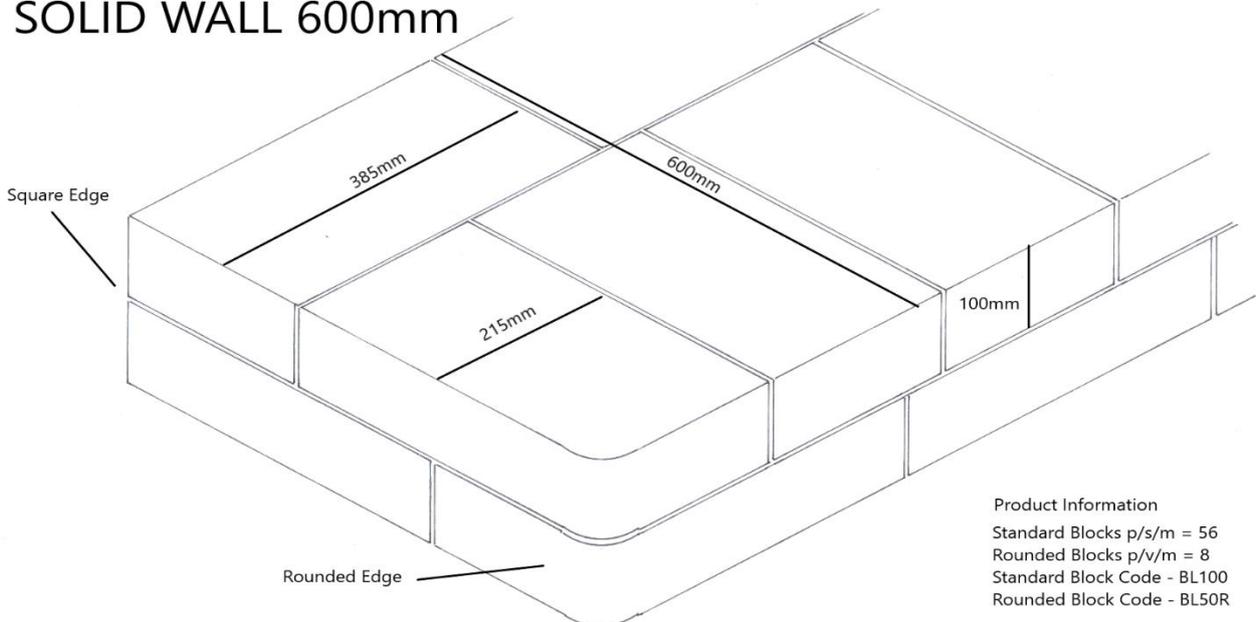


### Product Information

Product p/s/m = 64  
 Standard Block Code - BL100  
 Rounded Block Code - BL50R  
 Standard Brock Code - BR100  
 Rounded Brock Code - BR50R  
 Rounded Product p/v/m = 8

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## SOLID WALL 600mm

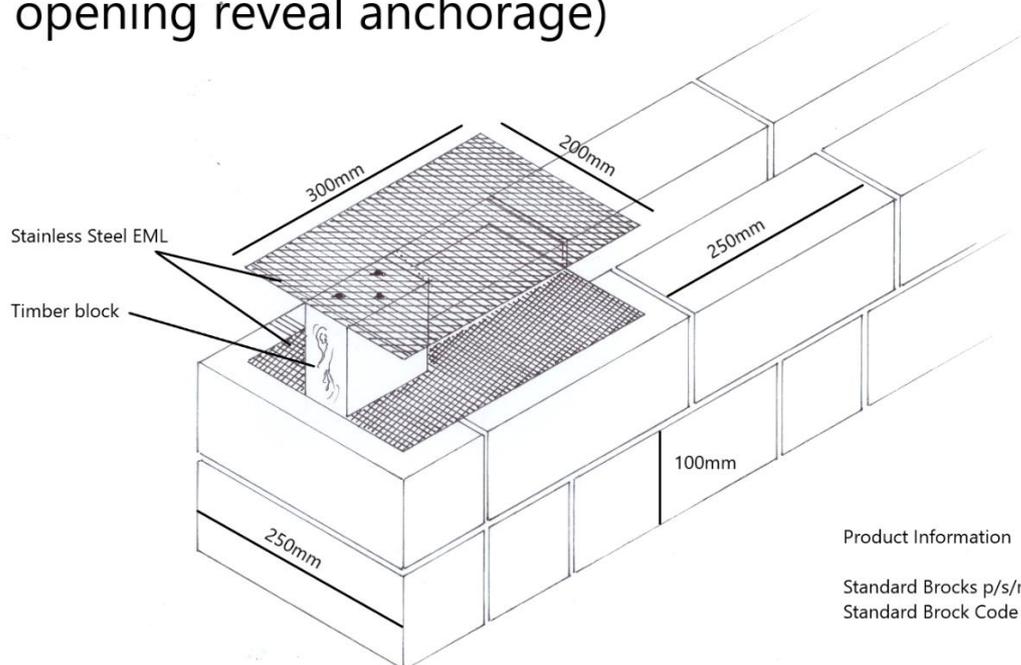


### Product Information

Standard Blocks p/s/m = 56  
 Rounded Blocks p/v/m = 8  
 Standard Block Code - BL100  
 Rounded Block Code - BL50R

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## STRETCHER - HEADER COURSING (with opening reveal anchorage)



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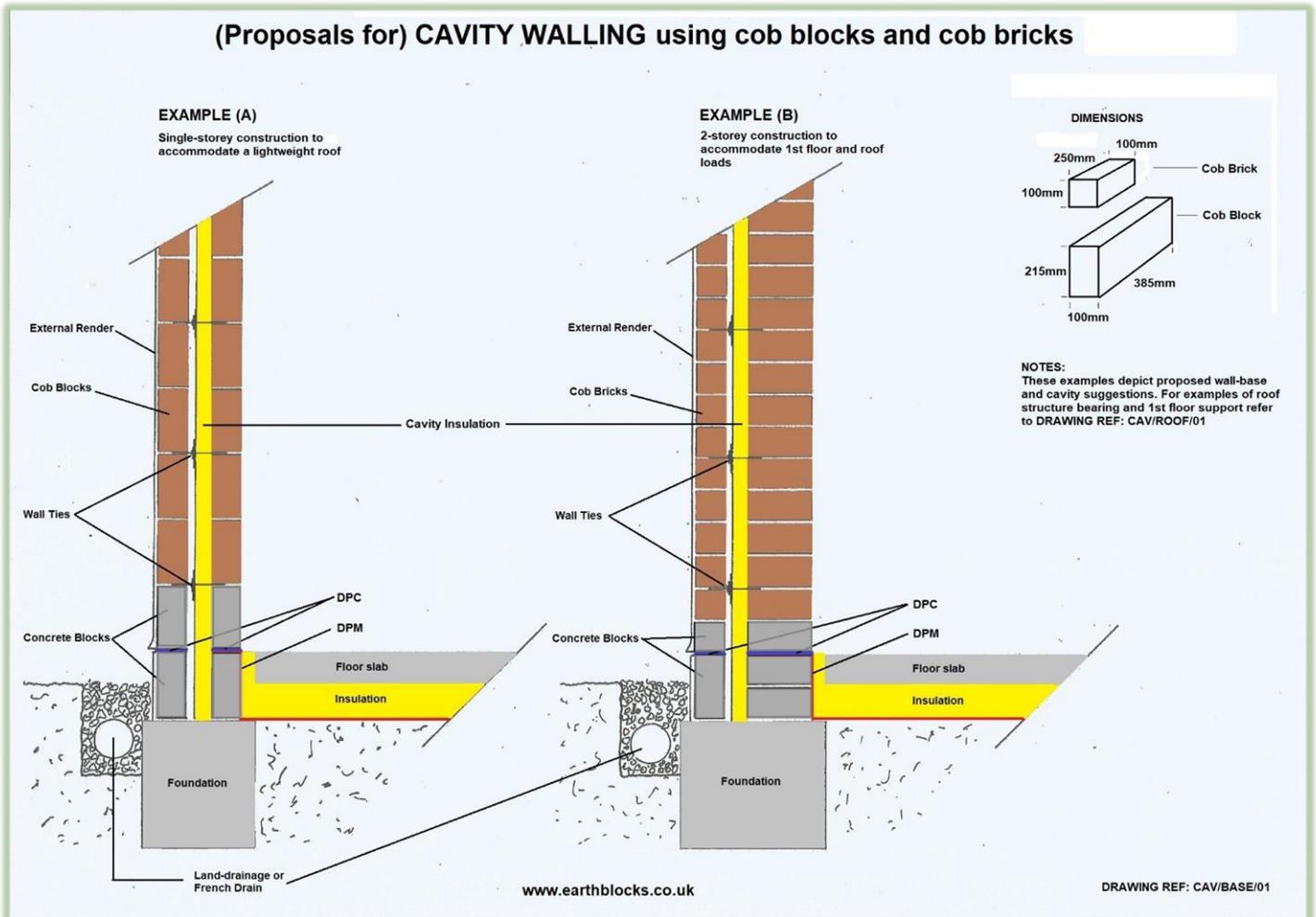
Please note:

Construction methods for introducing our cob products into end-use requires no more than a competent brick or block-layer, specialist skills are not a prerequisite for successful application and effectivity.

\*Bonding techniques for our 125mm cob block and 150mm cob block range will be added shortly.

# CAVITY WALL INFORMATION

Fig 1



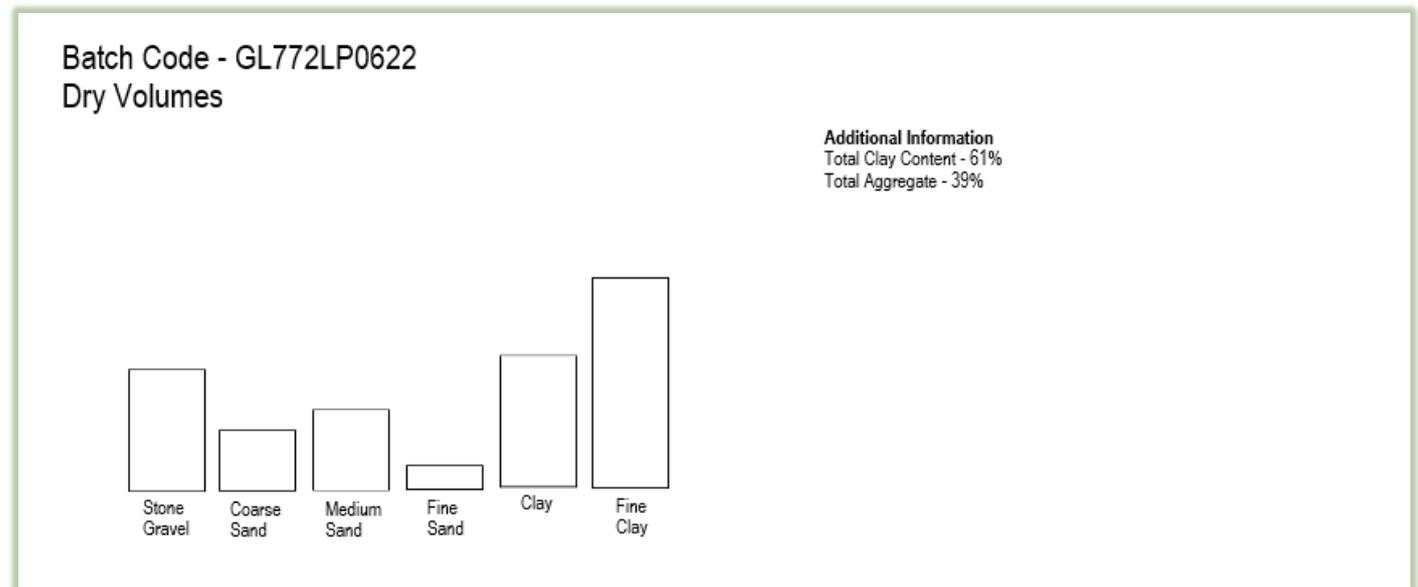
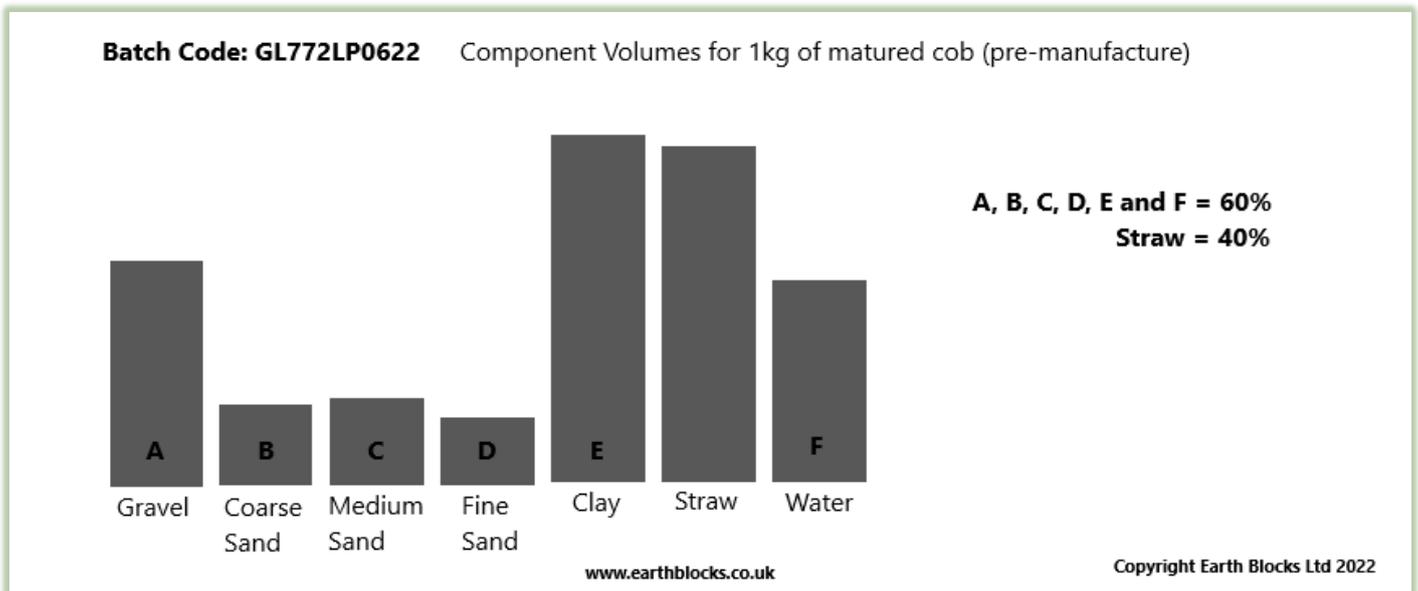
Detailed in *fig 1* are just 2 examples of how cavity walling can be achieved using cob blocks and/or cob bricks. With the recent advent of producing 125mm and 150mm cob products, the variables are now plentiful for constructing single-storey, 2-storey and 3-storey buildings.

## 125mm Cob Block Cavity



# SOIL ANALYSIS INFORMATION

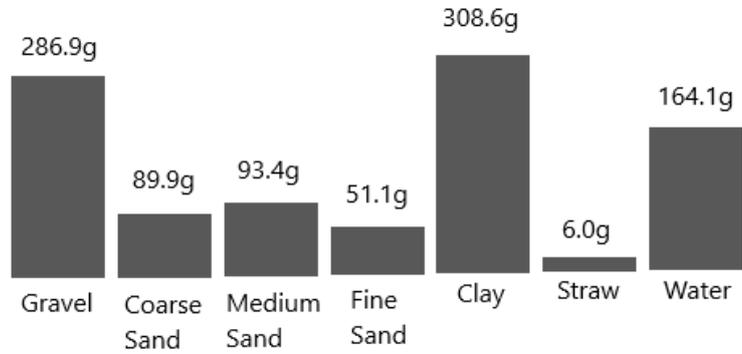
## VOLUMES



# WEIGHT

**Batch Code: GL772LP0622**

Component Weights for 1kg of matured cob (pre-manufacture)

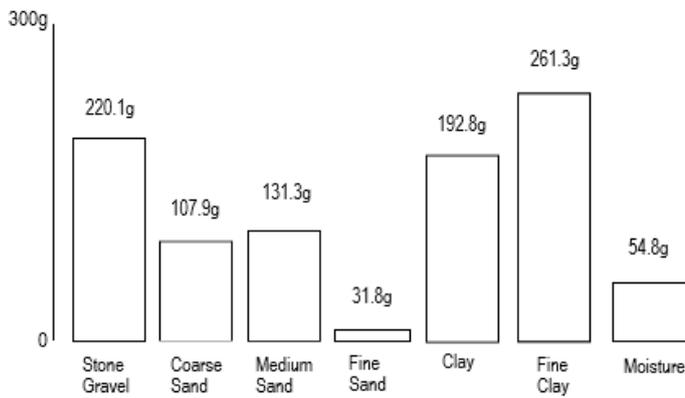


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**Batch Code - GL772LP0622**

**Dry Weights**



**Additional Information**

Total Clay Weight - 46%  
 Total Clay Content - 454.1g (per Kg)  
 Total Aggregate Weight - 48.5%  
 Total Aggregate Content - 491.1g (per Kg)

## DIY Pizza Oven Kits



**Build-your-own Pizza Oven Kits (palletised) = £197.00 (+VAT & Delivery)**

NB: Larger sized pizza oven kits are available, click on the Useful Link below

## Useful links

Cob block cavity walling system - [Hybridization - Earth Blocks UK](#)

Earth Block Manufacturing Machines - [Hire a Cob Block Making Machine - Earth Blocks UK](#)

DIY Pizza Oven Kits - [Build Your Own Pizza Oven - Earth Blocks UK](#)

Contact us - [Contact - Earth Blocks UK](#)