|  |  |
| --- | --- |
|  | **Aggregate Industries UK Ltd**  **Tel: 01285 646884** |

To complete the clause, select the appropriate wording from below. Highlighted text can be ‘dragged and dropped’ to save typing.

**F10 BRICK / BLOCK WALLING**

**255 MANUFACTURED STONE BLOCKWORK:**

Aggregate Industries manufacture a range of Bradstone reconstructed stone products, designed for walling to suit any facing application, throughout the UK. The walling is principally manufactured from naturally occurring aggregates, ordinary Portland cement and colour pigments and cast-in moulds. A range of masters is used to avoid noticeable repetition of profiles.

Density: 2125 kg/m³, or typically 214 kg/m² of facework at 5% moisture content by volume.

Coursing information sheets are available upon request from our technical department.

A range of reconstructed stone dressings is available - specify in section F30.

Complimentary Mortars

|  |  |  |  |
| --- | --- | --- | --- |
|  | CPI Euromix | Tilcon | Cemex |
| **Brecon** | E170 | N/A | N/A |
| **Buff** | E180 | Y111 | OBM |
| **Keinton** | E20 | Y4 | Black ½ L |
| **Iron Ham** | E071 | Y12 | Yellow M |
| **Southwold** | E090 | Y87 | Olive Green L |
| **Silver Grey** | E20 | Y4 | Black ½ L |
| **North Cerney** | E090 | Y146 | Olive Green L |
| **Limestone Buff** | E070 | Y35 | Yellow L |
| **Pennine** | E090 | Y87 | Olive Green L |
| **Weathered Cotswold** | E090 | Y87 | Olive Green L |

**Square Coursed Rubble**

Features horizontal markings similar to the stratum lines of natural stone found in many counties, particularly in Northern England. The finish is available in large or small course height modules, depending on the overall effect desired. Square coursed rubble is achieved by introducing jumper blocks into the small modular size.

Rationalised sizes compatible with conventional cavity wall construction.

Blocks are frogged, textured on one return end and plain on the other.

Two standard shades, Buff and Pennine

All dimensions are nominal to include allowance for 10mm mortar joints.

All blocks are 100mm on bed.

Compressive strength: Average 20 N/mm².

Course dimensions:

Walling blocks:

75mm high x 200mm, 225mm, 250mm, 275mm, 300mm, 325mm long.

100mm high x 200mm, 225mm, 250mm, 275mm, 300mm, 325mm long.

125mm high x 150mm, 200mm, 225mm, 250mm, 275mm, 300mm, 325m long.

150mm high x 150mm, 200mm, 225mm, 250mm, 275mm, 300mm, 325mm long.

175mm high x 150mm, 200mm, 225mm, 250mm, 275mm, 300mm, 325mm long.

Jumper blocks: 225mm high x 250mm and 325mm long.

Walling blocks are supplied in random quantities.

The wall can be constructed in various coursing:

Small module: Equal quantities of 75mm, 100mm, 125mm and 150mm high blocks.

Large module: Equal quantities of 125mm, 150mm and 175mm high blocks.

Brought-to-course: Small modules with 225mm blocks.

Random: Small modules with 225mm blocks.

Consult with our technical literature for details. Aggregate Industries offer full support from their sales and technical teams and can arrange delivery of samples and provide full details of specification, availability and ordering of Bradstone products.

**295 Manufactured Stone Blockwork** to outer leaf of external cavity wall

**Blocks to BS EN 771 - 5**

**Manufacturer:** Aggregate Industries UK Ltd, North End, Ashton Keynes, Wiltshire, SN6 6QX. Tel: 01285 646 884. Fax: 01285 646 891.

Web: www.aggregate.com/walling

**Product reference:** Bradstone Squared Coursed Rubble Walling

**Configuration**

**Form** Group 1 (Solid)

**Voids** None

**Compressive Strength**

**Minimum Mean >**20.0 N/mm2

**Characteristic** N/A

**Category** II

**Freeze Thaw resistance** Frost Resistant

**Recycled Content N/A**

**Co-ordinated Sizes** (200, 225, 250, 275, 300, 325) x 100 x (75, 100, 125, 150,175)

**Finish/ colour:** Square Coursed Rubble / Buff, Pennine

Consult with our sales office for availability of alternative finishes and colours and to obtain samples.

**Special shapes:**

Jumper blocks. Size: 225mm high x 250mm / 337mm long.

Consult with our sales office for availability of shapes and details.

**Additional requirements**

**Average Density** 2125 kg/m3

**Thermal Resistance** 0.073 m2K/W @ 5%m/c

**Mortar** As section Z21

**Standard** BS EN 998 – 2

**Mix** group 3 (1:1:6)

**Mortar Colour** CPI Euromix (use reference as per table above)

**Bond:** Small module / Large module / Brought-to-course / Random\* delete as appropriate

**Joint Profile** Flush pointed / Bucket Handle.\* delete as appropriate

**Features** Use dressed end blocks at window and door jambs.