|  |  |
| --- | --- |
|  | **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 Dressed**

Square dressed finish similar to naturally quarried and dressed stone.

Rationalised sizes compatible with conventional cavity wall construction.

Choice of block sizes for different coursing options.

Blocks are frogged, textured on one end with detailing on the other, which can help prevent the passage of water through the perpendicular joints.

Four standard shades, Keinton, Buff, Pennine & Brecon

Range of 225mm blocks for commercial/industrial applications.

Every walling block has a return end.

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

All blocks are 100mm on bed.

Compressive strength: Average 20 N/mm².

Course heights: 75mm, 100mm, 125mm and 150mm.

Lengths: 200mm, 225mm, 250mm, 275mm, 300mm and 325mm.

225mm jumper blocks are available to achieve brought-to-course or random, in lengths of 225mm, 300mm, 330mm and 450mm. The Jumper blocks can also be used for a larger module appearance more suited to commercial and industrial applications.

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 Square Dressed 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** (150,200,225,275,300,325,375,525) x 100 x (75,100,125,150) \* delete as appropriate

**Course heights:**  225mm high jumper blocks (225,300, 450 long)

**Finish/ colour:** Square dressed, Keinton / Buff / Pennine / Brecon\* delete as appropriate

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

**Special shapes:** 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:** Coursed / Random / Random brought-to-course \* delete as appropriate

**Features** Use 330x 100 x 225 Jumper blocks @ 12.5% of wall area , use twice weathered copings to boundary walls\* delete as appropriate.