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| --- | --- |
|  | **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 |

**Rough Dressed**

Reminiscent in appearance of roughly dressed quarried stone. Available in a wide choice of block sizes and shades to allow for regional variations in coursing styles and indigenous stone characteristics.

Rationalised sizes compatible with conventional cavity wall construction.

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

Range of accessories and components to ensure authentic detailing.

Seven standard (Brecon and Silver Grey are subject to minimum order quantity of 150m²).

Accepted in appropriate areas of outstanding natural beauty.

Walling block design allows consistent mortar joint but when fully pointed the finished wall appears to have a more varied joint width.

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:

Height: 75mm, 100mm, 125mm, 150mm.

Length: 200mm, 225mm, 250mm, 275mm, 300mm, 325mm long.

Jumper blocks: 225mm high x 250mm and 337mm long.

Walling blocks are supplied in random quantities.

Soldier course or coping blocks: 225mm and 100mm high x 450mm long.

Rough Dressed walling can be laid either coursed or random brought-to-course. Care must be taken in the selection of jumpers, if the corner and reveal treatment differs from the basic walling finish.

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 Walling - Rough Dressed.

**Form** Group 1 (Solid)

**Voids** None

**Compressive Strength**

**Minimum Mean >***2*0.0 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)

**Finish/ colour:** Rough Dressed / Buff, Iron Ham, Southwold, Keinton, Limestone Buff, Silver Grey, Brecon \* delete as appropriate

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.

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

Soldier course/coping blocks: Size: 225mm high x 450mm long / 100mm high x 450mm long.

Twice Weathered coping : Size : 445L x 150W / 495L x 300W

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 (See table above for colour reference)

**Bond:** Coursed / Random brought to course

**Joint Profile** Joints to be filled flush and the face of the joint bagged / brushed. To ensure consistency of pointing, the joints should be filled in as the work proceeds

**Features** Use dressed end blocks at window and door jambs, ‘Random brought to course’, use jumper blocks @12.5% of face area.