



Colinwell Smooth Masonry Block

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Detailed description

Masonry block with a smooth face finish.

Manufactured from cement, graded aggregates, an integral waterproofer and pigment.

Features and benefits:

- Versatile.
- Suitable for environments where robust, durable finishes are required.
- Good weathering characteristics.
- Complements other building finishes, including traditional facing bricks, curtain walling and rainscreen cladding.
- Water- and frost-resistant, helping to retain a fresh, clean appearance.
- Cured by steam to give the blocks efflorescence-free performance characteristics.
- Minimal maintenance required.
- Non-combustible and will not contribute to the spread of flame.
- Available in a variety of colours.

Applications:

Suitable for use in the construction of external and internal loadbearing and non-loadbearing walls, including the inner and outer leaves of cavity walls, party walls, partition walls and boundary walls. Can also be used as reinforced masonry walls through incorporation of bed joint reinforcement.

Manufactured in accordance with BS EN 771-3 and BS 5628-1.

Product guidance - As Standard

Finish:

Smooth.

Shape:

Rectangular, with sharp arises.

Technical characteristics:

- Drying shrinkage (to BS EN 772.4): <0.04%.
- Water absorption: 3–6%.
- Tolerance category (BS EN 771-5): D2.
- Mean compressive strength: 15 N.
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Colinwell Masonry

Colinwell Masonry
37 Colinglen Road
Dunmurry
Belfast
Co Antrim
BT17 0LP

Tel: +44 (0)28 9061 8145

www.colinwell.com
info@colinwell.com



Average density: 2100 kg/m³.

- Thermal conductivity (K-value): 1.25 W/m·K.
- Shear bond strength (to BS EN 998.2, Annex C): 0.15 N/mm².
- Maximum moisture movement: 0.15 mm/m.

Options

Colour:

- Bracken – Recommended mortar: Maroon U53.
- Brown – Recommended mortar: Brown H21.
- Buff – Recommended mortar: Beige E74.
- Cream – Recommended mortar: Cream G89. White cement should be used in the mix.
- Green – Recommended mortar: Green N70. White cement should be used in the mix.
- Heather – Recommended mortar: Maroon U43.
- Honey – Recommended mortar: Tan C30.
- Natural – Recommended mortar: Standard.
- Oatmeal – Recommended mortar: White J88. White cement should be used in the mix.
- Ochre – Recommended mortar: Ochre R95. White cement should be used in the mix.
- Red – Recommended mortar: Orange T36.
- Salmon – Recommended mortar: Coral A80. White cement should be used in the mix.
- Sandstone – Recommended mortar: Cream G89. White cement should be used in the mix.
- Straw – Recommended mortar: Yellow D10.
- Whinstone – Recommended mortar: Black L62.
- White – Recommended mortar: White J88. White cement should be used in the mix.

Joint:

The spacing between control joints should be at 6–10 m intervals.

Accessories/ Other requirements:

Non-standard components and specials may be cut from standard units or, depending on quantity, manufactured to individual requirements. Consult manufacturer and insert requirements.

Product specification

Manufacturer

- Name: Colinwell Masonry
- Web: www.colinwell.com



- Email: info@colinwell.com
- Tel: +44 (0)28 9061 8145
- Fax: +44 (0)28 9062 4240
- Address: 37 Colinglen Road, Dunmurry, Belfast, Co Antrim BT17 0LP

Product reference	Colinwell Smooth Masonry Block
Type	Cellular Hollow Solid
Size	440 x 225 mm - Standard metric.
Width	100 mm - For solid and cellular blocks. 140 mm - For cellular blocks. 215 mm - For hollow blocks.
Colour	
- Block	[]
- Mortar	[]
Mortar mix	[]
Joint	[]
Accessories/ Other requirements	Not required Bond-beam blocks Cavity closers Cills Half blocks Lintels Quoins Squints