



Acousta Tex

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Detailed description

Acousta Tex are textured face acoustic masonry blocks which provide high levels of sound absorption.

Manufactured from cement, specially sourced sound porous aggregates (65% recycled secondary aggregate content), an integral waterproofing and colour pigment.

Features and benefits:

- Sound-absorbing texture.
- Delivers a noise reduction coefficient (NRC) of 0.55 α_w .
- Effective sound control qualities, especially in the high-frequency sound range.
- Satisfies the requirements of Building Bulletin 93 (BB93).
- Minimal maintenance required.
- Waterproof, and will retain a fresh, clean appearance.
- Non-combustible, and will not contribute to the spread of flame.
- Efflorescence-free.
- Can be used in conjunction with other Colinwell products, including EchoCheck acoustic blocks.

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. They can also be used as reinforced masonry walls through incorporation of bed joint reinforcement.

Other applications include:

- Plant rooms.
- Classrooms.
- Lecture theatres.
- Gymnasiums.
- Swimming pools.
- Arenas.
- Factories.

CE-marked and manufactured in accordance with BS EN 771-3, BS 5628-1, ISO 9001 and ISO14001.

Product guidance - As Standard

Finish:

Textured, acoustic face.

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



Weight:

- Colinwell Acousta Tex AT100: 16 kg.
- Colinwell Acousta Tex AT140: 20 kg.
- Colinwell Acousta Tex AT215: 25 kg.

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.
- Average density: 2100 kg/m³.
- Moisture content: 3% (internally).
- Thermal conductivity (K-value): 1.28 W/m·K.
- Shear bond strength (to BS EN 998.2, Annex C): 0.15 N/mm².
- Maximum moisture movement: 0.15 mm/m.

Sound absorption coefficient:

- At 125 Hz: 0.50.
- At 250 Hz: 0.65.
- At 500 Hz: 0.50.
- At 1000 Hz: 0.50.
- At 2000 Hz: 0.55.
- At 4000 Hz: 0.55.

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.

Movement 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

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| Product reference | Colinwell Acousta Tex AT100 - 215 x 100 x 440 mm (h x w x d). Solid, Cellular.
Colinwell Acousta Tex AT140 - 215 x 140 x 440 mm (h x w x d). Solid, Cellular.
Colinwell Acousta Tex AT215 - 215 x 190/ 215 mm x 440 mm (h x w x d). Hollow. |
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Colour

- Block

- Mortar

Mortar mix

Joint

Accessories/ Other requirements	Not required Bond-beam blocks
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