

Brick Dimensions	Block Configuration	Block Face	No. Per Pack	Weight Per Pack
440 x 215 x 215mm	Cellular	Acoustic	40 (4m ²)	1000kg

Colinwell EchoCheck Acoustic Masonry – EC215 Unit	
Product Type	Concrete Acoustic Facing Block
Manufacture	Manufactured in accordance with BS EN 771-3: 2011
Specification	Specified in accordance with BS EN 771-3: 2011
Size	440 x 215 x 215mm which complies with BS EN 771-3: 2011
Weight	24.5kg
Compressive Strength	10.5N/mm ²
Water Absorption	Less than 6%
Water Absorption by capillary	<85G/m ² /s ^{0.5}
Drying Shrinkage	Not exceeding 0.04%
Density	2100Kg/m ³
Shear Bond Strength	0.15/mm ²
Thermal Conductivity	1.25 Wm.K [@ 5% m/c]
Efflorescence	The low salt content of the materials used in manufacturing Colinwell EchoCheck Acoustic Masonry Blocks ensures the elimination of this problem.
Durability	F2 (sever exposure)
Tolerance	D2 (+1-3mm in all directions)
Soluble Salts	S2
Mortars and Expansion Joints	Please refer to BS 5628-2:2005
Bed Reinforcement	Please refer to BS 5628-2:2005
Installed to	Please refer to BS 5628-2:2005
NBSPlus	F10 255

Acoustic Performance	
Octave Band Values (Hz)	Sound Absorption Co-Efficient
125	0.75
250	0.75
500	0.60
1000	0.60
2000	0.55
4000	0.55

Sustainability	
Recyclability	100% Recyclable
Energy	100% renewable energy
Water	100% water comes from an on site ground source well
Recycled Content	65% recycled secondary aggregate content
Sourcing	Aggregates sourced within a 30 radius of the manufacturing plant
Manufacturing Location	Produced in the UK
Accreditations	ISO9001 – Quality Management Accreditation ISO14001 – Environmental Accreditation