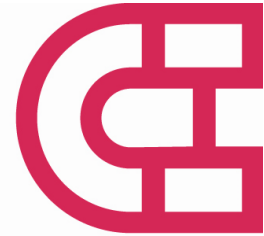


# Colinwell

Masonry & Retaining Wall Products



## Decibel Ratings

The figures below provide the predicted sound insulation levels of Colinwell Masonry and Fair Face-blocks, which have a density of 2100kg/m<sup>3</sup>.

They are based on the mass law curve (copies available upon request) and calculations in accordance with BS 8233, they are intended for indicative use only.

In practice tested performance may vary,. This is due to a number of external factors, including finishes, workmanship, wall ties, floor details, roof details, flanking details and the additional transmission of sound from areas other than those being tested.

Cellular or hollow blocks are not to be used in the Robust Standard Detail separating walls or Type 1 Part E solid separating walls. We advise that solid blocks be utilised for Part E separating walls.

Sound Insulation (dB)			
Block Configuration	Block Thickness		
	100mm	140mm	215mm
Solid (Fair Face)	48	52	-
Cellular (Fair Face)	46	50	-
Hollow (Fair Face)	-	49	53
2 x 100mm leaves * (Fair Face)	55	-	-

\*2 leaves of 100mm Solid Blocks laid back-to-back and tied together.

NB. Higher levels of sound reduction can be achieved if the walls were plastered or dry lined.