



## SOUNDCELL<sup>®</sup> STC RATING

	<b>Equivalent Thick (in.)</b>	<b>Unit Weight</b>	<b>Wall Weight</b>	<b>Estimated STC Rating (b)</b>
8" Sound Cell	4.5	43.73	49.20	50
12" Sound Cell	5.7	54.9	61.76	52

- (A) Per NCMA-TEK 13-1 "Sound Transmission Class Ratings for Concrete Masonry Walls."
- (B) STC Rating is by calculated wall weight only; with an air space the STC will increase.

	<b>Wall Weight</b>	<b>STC Rating</b>
8" Sound Cell & 8" Regular Back-up	90.97	57 (c)
8" Sound Cell & 8" Regular Filled Solid Back-up	128.92	61 (c)
12" Sound Cell / 4" Insul. & Air/Brick	88.25	56 (c)
8" Sound Cell/Air/6" Regular Back-up	83.77	56 (c)
8" Sound Cell/Air/6" Regular-Solid Back-up	107.61	59 (c)

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