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[HSIheadwalls.com](http://HSIheadwalls.com)

## HSI STC Testing

The HSI headwall STC results were provided through 3rd party independent testing by Intertek. HSI provided all the headwall structure, finishing panels, trim, devices, cover plates and sound attenuation batting to be true to acuity guidelines. We were able to show that we can exceed the FGI guideline of an STC of 50 using our headwall with a single layer of acoustical gypsum board to emulate a footwall.



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### ASTM E90 AIRBORNE SOUND TRANSMISSION LOSS

TEST DATE	11/07/17				
DATA FILE NO.	H2489.01B1				
CLIENT	Hospital Systems, INC				
DESCRIPTION	Flush Array with new Mineral Wool Insulation Placed in Unit				
SPECIMEN AREA	5.98 m <sup>2</sup>	RECEIVE TEMP.	17.8 °C	SOURCE TEMP	18.0 °C
TECHNICIAN	Leeland S. Ho	RECEIVE HUMIDITY	55%	SOURCE HUMIDIT	59%
STC RATING	52 (Sound Transmission Class)				
DEFICIENCIES	32 (Sum of Deficiencies)				
OITC RATING	38 (Outdoor-Indoor Transmission Class)				



Airborne Sound Transmission Loss

