



ACOUSTICAL PERFORMANCE TEST REPORT SUMMARY

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Summary Report No: E1820.02-113-11
Summary Report Date: 10/29/15
Complete Report No: E1820.01-113-11
Complete Report Date: 01/07/15
Test Completion Date: 12/01/14

Series/Model: CF-I XTW
Type: Aerosol Foam Sealant
Overall Test Wall Gap Size: 1/2" Wide by 96" Tall
Overall Test Wall Size: 96" by 96"

Test Methods: The acoustical tests were conducted in accordance with the following:

- ASTM E 90-09, Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions.
- ASTM E 413-10, Classification for Rating Sound Insulation.
- ASTM E 1332-10a, Standard Classification for Rating Outdoor-Indoor Sound Attenuation.

Test Results Summary

Data File No.	Test Description	STC	R _w	OITC
E1820.01A	Base wall –No Gap	62*	61*	49*
E1820.01C	Base wall with 1/2" wide by 96" high gap filled with one bead of CF-I XTW aerosol foam sealant on both sides of wall	58*	58*	47*

***Note:** An STC, R_w, or OITC rating cannot be applied directly to sealant.

The results above do not suggest when the tested sealant is applied to a wall gap, the wall will achieve these results or the sealant by itself will achieve these results.

When a wall system with similar performance to the base wall is tested with a gap similar in width and length to the gap filled with sealant in the test above, the results should be no more than a 4-point reduction in STC performance, a 3-point reduction in R_w performance, or a 2-point reduction in OITC performance.

This summary is not a complete report and does not include all information required by ASTM E90. Please see the complete report for further information.