

**ASTM E 90 SOUND TRANSMISSION LOSS
TEST REPORT**

Rendered to:

HILTI, INC.

SERIES/MODEL: HILTI CP 506

TYPE: Smoke and Acoustical Sealant

Summary of Test Results				
Data File No.	Sample Description	STC	Rw	OITC
94873.03A	Chase wall with 1/2" gap around a 2-3/8" diameter pipe (OD) protruding through and centered in the hole	57	58	45
94873.03B	Chase wall with 1/2" gap around a 2-3/8" (OD) protruding pipe sealed flush to the outer edge of the gypsum board with HILTI CP 506, smoke and acoustical sealant	63*	62*	44*

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

Reference should be made to Architectural Testing, Inc. Report No. 94873.03-113-11 for complete test specimen description. The complete test results are listed in Appendix B.

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Summary of Test Results				
Data File No.	Sample Description	STC	Rw	OITC
94873.02A	Chase wall with a 1/8" gap under the top and bottom stud tracks on both sides and a 1/2" gap between the gypsum board and test frame at the top and bottom horizontal joints on both sides of the wall.	34	38	35
94873.02B	Same as test A, with one bead of 1/2" diameter HILTI CP 506, smoke and acoustical sealant applied in the 1/2" gap between the gypsum board and test frame at the top and bottom horizontal joints on both sides of the wall. The 1/8" gap under the top and bottom stud tracks on both sides did not contain sealant.	63*	62*	45*

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