

Sound Transmission Class Testing (ASTM E90)

INTRODUCTION:

This report presents the results of testing of Hilti Firestop Self-Leveling Silicone Sealant (CFS-S SIL SL). This testing was requested by Mr. Chad D. Stroike, CFPS and was completed on April 1, 2013.

This report must not be reproduced except in full with the approval of Element Materials Technology. The test results contained in this report pertain only to the specific assemblies tested and not necessarily to all similar constructions.

Element has been accredited by the U.S. Department of Commerce and the National Institute of Standards and Technology (NIST, formerly NBS) under their National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 200046-0) for conducting this test procedure. This report may not be used to claim product endorsement by NVLAP, NIST or any agency of the U.S. Government.

The results stated in this report represent only the specific construction and acoustical conditions present at the time of the test. Measurements performed in accordance with this standard on nominally identical constructions and acoustical conditions may produce different results.

TEST RESULTS SUMMARY:

	<u>STC</u>	<u>def</u>	<u>OITC</u>
Test 1: Control Sample – 6” thick concrete	54	28	46
Test 3: Control Sample with 4” Steel Pipe in 6” penetration	18	26	20
Test #4: Control Sample with 4” Steel Pipe in 6” penetration - Annular Space Sealed with Hilti Firestop Self-Leveling Silicone Sealant (CFS-S SIL SL).	53	26	47

Tabular and graphical presentations of the data are presented under “TEST RESULTS” below.