

PROJECT NUMBER: 30160-05-69762-2

PAGE: 2 of 7

DATE: January 4, 2006

Sound Transmission Class Testing (ASTM E90)**INTRODUCTION:**

This report presents the results of sound transmission testing conducted on CP-675 T Firestop Board. This material was manufactured and submitted by Hilti Construction. This work was requested by Jonathan Matthews, with testing completed on January 3, 2006.

The Sound Transmission Class (STC) and the Outdoor-Indoor Transmission Class (OITC) values were generated under ASTM test procedures which outline methodology to determine Transmission Loss (TL) values between 80 Hz - 4000 Hz.

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TEST RESULTS SUMMARY:

<u>Test Description.</u>	<u>STC</u>	<u>def</u>	<u>OITC</u>
Control Wall	55	22	45
Control Wall with 11" x 23" opening	15	24	16
Control Wall with 11" x 23" opening Covered with CP675 T FireStop Board (13" x 25")	55	29	45

Tabular and graphical presentations of the data are presented under "TEST RESULTS" below (pages 5 – 7).