INTRODUCTION:

This report presents the results of sound transmission loss tests conducted on CP 618 Putty Stick Sealant manufactured by Hilti Construction Chemicals, Inc. and used in a control wall constructed by Stork / Twin City Testing Corporation. These tests were requested by Mr. Chris Kusel of Hilti Construction Chemicals, Inc. on July 31, 1999 with the testing conducted from Sept. 16-17, 1999.

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Stork / Twin City Testing Corporation 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) for conducting this test procedure. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

TEST RESULTS SUMMARY:

Test No. 99-1943.1B: The STC of the control wall when tested with no penetrations was 50.

Test No. 99-1943.2B: The STC of the control wall when tested with wall penetrations consisting of two sprinkler heads, 4 electrical boxes (2 per side), and a baseboard heating pipe was 36.

Test No. 99-1943.3B: The STC of the control wall when tested with the same penetrations sealed by CP 618 putty stick sealant was 49.

A tabular and graphical presentation of the data is presented under "TEST RESULTS" below.

SPECIMEN DESCRIPTION: (Also see Specimen Identification-Page 4)

Manufacturer: Hilti Construction Chemicals, Inc.

Sample Type: CP 618 Putty Stick Sealant

Nominal Dimensions (W x H x D): 9’0” x 8’0” x 5-3/8”

Weight: 490 lbs. (9.81 PSF)

Specimen Description:
- 5/8” gypsum board on both sides
- 3-5/8” metal studs @ 24” on center
- RC-1 channel on one side
- 3” thick Thermofiber blanket in stud spaces