

SPECIFIED TECHNOLOGIES INC. TEST CERTIFICATE

SCOPE OF WORK

SUMMARY REVIEW OF ASTM E90 RESULTS ON WALL SYSTEM WITH
STI SPEC-SEAL® INTUMESCENT FOAM BRICKS WITH EMT

PROJECT NUMBER

Q3247.01Z-113-11-R0

TEST DATE

10/11/23

ISSUE DATE

03/28/24

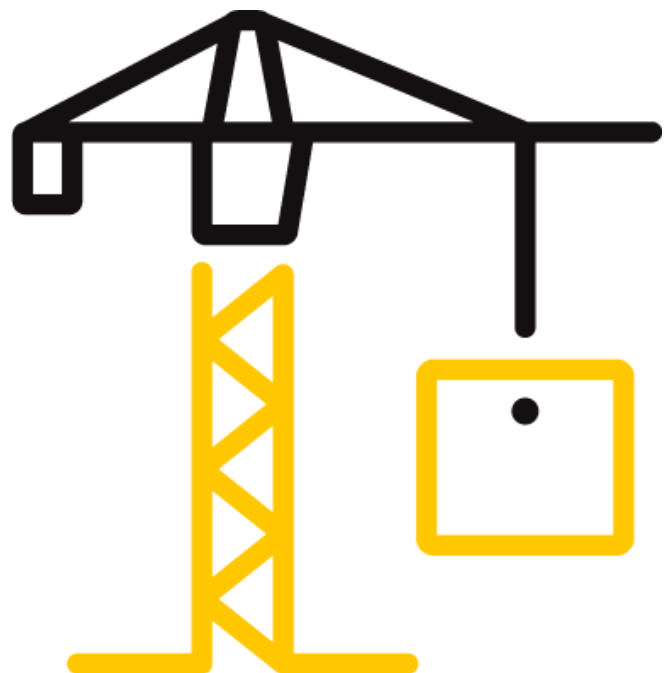
PAGES

2

DOCUMENT CONTROL NUMBER

RT-R-AMER-Test-2766 (01/11/21)

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TEST CERTIFICATE FOR SPECIFIED TECHNOLOGIES INC.

Project No.: Q3247.01Z-113-11-R0

Date: 03/28/24

CERTIFICATE ISSUED TO

SPECIFIED TECHNOLOGIES INC.

210 Evans Way

Somerville, New Jersey 08876

Architectural Testing, Inc. (an Intertek company) dba Intertek-Building & Construction (B&C) was contracted by Specified Technologies Inc. to perform the tests in accordance with ASTM E90 at the Intertek B&C test facility in York, Pennsylvania.

Series/Model: STI Spec-Seal® Intumescent Foam Bricks with EMT

Type: Base Wall System Number 1

Description: STI Spec-Seal® Intumescent Foam Bricks with EMT

Test Method: The following method was used to perform the sound transmission loss test.

ASTM E90-09(2016), Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions

This certificate verifies that the product as described above has achieved the following ratings. Reference should be made to Intertek B&C Report Q3247.06-113-11-R0 for complete test specimen description and results. Unless differently required, Intertek reports apply the "Simple Acceptance" rule, also called "Shared Risk approach," of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity.

DATA FILE NO.	TEST CONDITION	STC	OITC
Q3247.01A	Base Wall System Number 1, Sealed	60	45
Q3247.01Z	Base Wall System Number 1 with STI Spec-Seal® Intumescent Foam Bricks with EMT	59	44

The sound transmission loss (TL) tests were performed in accordance with ASTM E90. The TL values from 80 to 4000 hertz were calculated from the measurements stated above. The TL values are used to calculate the Sound Transmission Class (STC) rating in accordance with ASTM E413 and the Outdoor-Indoor Transmission Class (OITC) rating in accordance with ASTM E1332.

For INTERTEK B&C:

COMPLETED BY:	Zachary P. Golden	REVIEWED BY:	Kurt A. Golden
TITLE:	Technician Team Leader - Acoustical Testing	TITLE:	Manager – Acoustical Testing
SIGNATURE:		SIGNATURE:	
DATE:	03/28/24	DATE:	03/28/24

ZPG:jmc

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