



# NORTH ORBIT

## ACOUSTIC LABORATORIES

<b>REPORT NUMBER</b>	NOAL 24-06019
<b>TEST METHOD</b>	ASTM E90-23: Standard Test Method for Laboratory Measurement of Airborne Sound Transmission of Building Partitions and Elements
<b>TEST SPONSOR</b>	E-Z Tape, PO BOX 10887, Green Bay, WI 54307
<b>ISSUED TO</b>	E-Z Tape, PO BOX 10887, Green Bay, WI 54307
<b>TEST SPECIMEN</b>	Wall Assembly
<b>RESULT SUMMARY</b>	STC 52
<b>TEST DATE</b>	June 11, 2024
<b>REPORT DATE</b>	June 21, 2024
<b>TEST SITE</b>	North Orbit Acoustic Laboratory Facility, 917 Rice Street, Saint Paul, MN 55117
<b>TECHNICIAN</b>	E. Dick

### CONTENTS

Section A – Data Summary	2
Section B – Approach	3
Section C – Specimen Description	4
Section D – Measurement Set-Up	6
Section E – Test Results	7

ELLIOTT B. DICK – DEPUTY LABORATORY MANAGER

HEIDE GROSS – LABORATORY QUALITY MANAGER

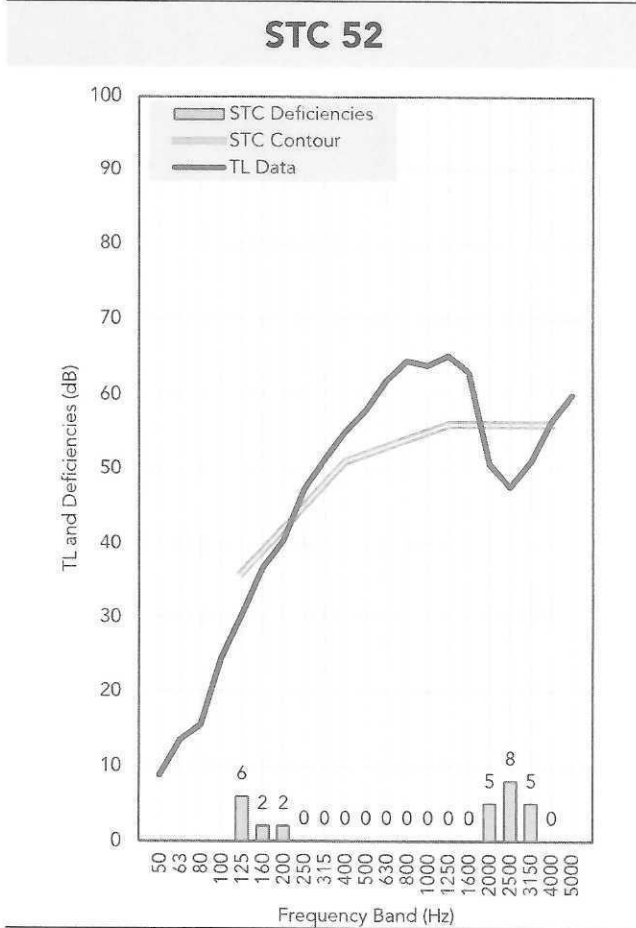


Certificate #4240.01

TEST SPONSOR E-Z Tape  
PO BOX 10887  
Green Bay, WI 54307

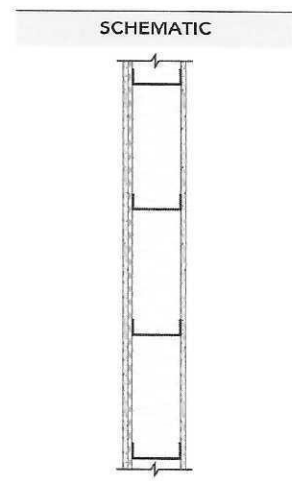
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**SECTION A – DATA SUMMARY**



FREQUENCY (Hz)	TL (dB)	DEFICIENCIES (dB)
50	9	-
63	14	-
80	16	-
100	24	-
125	30	6
160	37	2
200	40	2
250	47	0
315	51	0
400	55	0
500	58	0
630	62	0
800	64	0
1,000	64	0
1,250	65	0
1,600	63	0
2,000	51	5
2,500	48	8
3,150	51	5
4,000	56	0
5,000	60	-
<b>TOTAL DEFICIENCIES</b>		<b>28</b>

ELEMENTS	FROM SOURCE ROOM SIDE TO RECEIVING ROOM SIDE
Seam Treatment	Flame Fighter Fire Tape®
Sheathing	5/8" Type X gypsum panels (v); #6 x 1" type S screws spaced 12" OC
Framing	resilient channel spaced 24" OC
Framing	6" 18 mil (20 EQ) steel studs spaced 16" OC
Insulation	6-1/4" glass fiber batt insulation (R19)
Sheathing	5/8" Type X gypsum panels (vs); #6 x 1" type S screws spaced 8" OC at perimeter and 12" OC in field
Seam Treatment	Flame Fighter Fire Tape®



See Section C on page 4 and 5 for a full specimen description.

