



SOUND INSULATION TEST REPORT

GB/T 19889.3-2005/ISO 140-3:1995

For

Flame retardant silent sponge

Model: N/A

Brand Name: N/A

Report No.: ENC2312280GZ33E1

Date of Issue: Jan. 8, 2024

Prepared For



Prepared By

East Notice Certification Service Co., Ltd.

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GENERAL INFORMATION:

Product Description:	Flame retardant silent sponge
Model/Specification:	N/A
Model Difference:	N/A
Brand Name:	N/A
Applicant:	Auto Comms & Control CC. 67 Mullins Rd, Wychwood, Germiston, Gauteng, South Africa, 1401
Manufacturer:	
Report No.:	ENC2312280GZ33E1
Test Methods:	GB/T 19889.3-2005/ISO 140-3:1995 Acoustics -- Measurement of sound insulation in buildings and of building elements -- Part 3: Laboratory measurements of airborne sound insulation of building elements
Test Results:	Weighted sound reduction index according to GB/T 19889.3-2005/ISO 140-3:1995, $R_w(C;Ctr) = 29(-1;-2)$ dB.
Sample Receiving Date:	Dec. 28, 2023
Test Performing Date:	Dec. 28, 2023 – Jan. 8, 2024

Statement:

1. The test result is only responsible for sample, and the sample is retained for 30 days after the sample collection.
2. The seal of the test report is valid and the copy of the report is invalid.
3. If there is any objection to the test result, please submit it to the company within 15 days from the date of receipt of the result.
4. The legal disputes involved not promptly informed, and our company will not refund and bear no legal responsibility.

Checked By Yemig
Yemig Jan. 8, 2024Authorized By Ray Zhou
Ray Zhou Jan. 8, 2024

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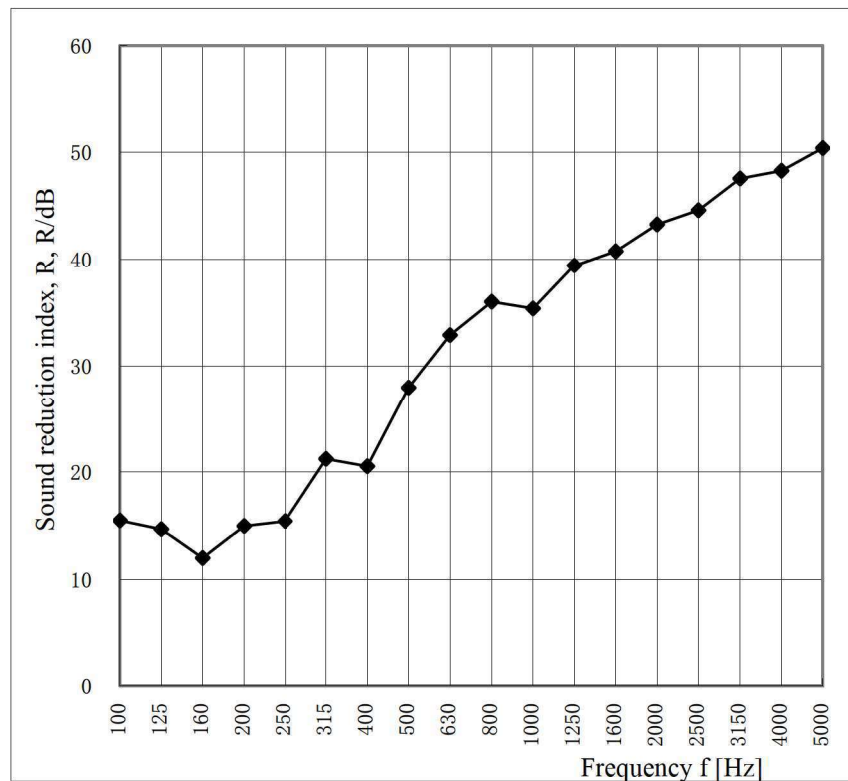
Test results

Specimen: Flame retardant silent sponge
Manufacturer:
Client: Auto Comms and Control.CC
Laboratory: East Notice Certification Service Co., Ltd.

Test Methods: GB/T 19889.3-2005/ISO 140-3: 1995
Temperature of test room: 20 °C **Test date:** Dec. 28, 2023 – Jan. 8, 2024
Relative humidity: 54 % **Volume of the sound room:** 53.6 m³
Atmospheric pressure: 1011 hPa **Volume of sound receiving room:** 61 m³

Third octave band results:

Frequency f [Hz]	R 1/3 ctave (dB)
100	15.5
125	14.7
160	12.0
200	14.9
250	15.4
315	21.2
400	20.6
500	28.0
630	32.9
800	36.0
1000	35.4
1250	39.4
1600	40.8
2000	43.3
2500	44.6
3150	47.5
4000	48.3
5000	50.4

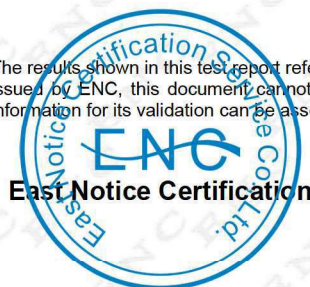


Weighted sound reduction index according to ISO 140-3:1995

R_w(C;Ctr)= 29(-1;-2)dB

Evaluation based on laboratory measurement results obtained by an engineering method.

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Annex 1: Measurement equipment

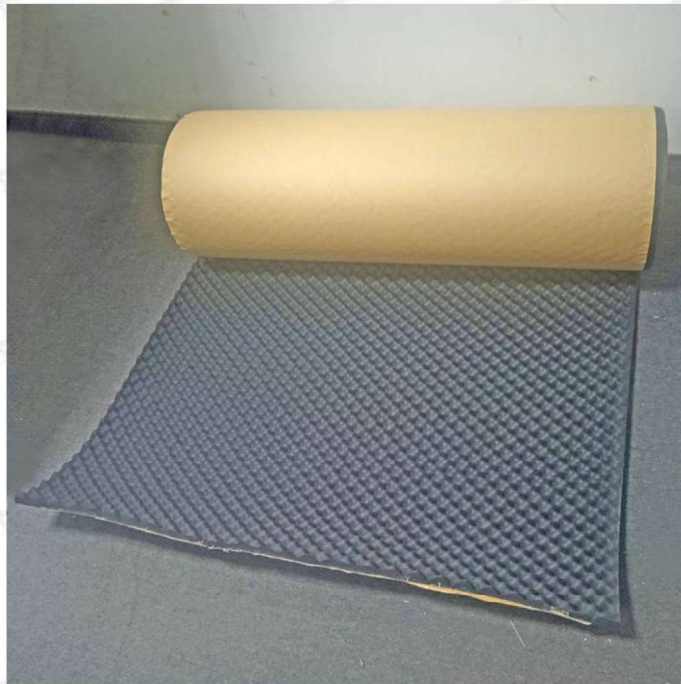
1. Noise Generator (B&K1405, 1322878)
2. Band Pass Filter (B&K1617, 1732966)
3. Power Amplifier (B&K2712, 1318246)
4. Piston phone (RIONNC-72, 0108403)
5. Real Time Analyzer Sound Level Meter (B&K 4118)
6. Microphone (Larson Davis 2559, SN2631, 2627)

Next Correction Date: 2024.02.15.)

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Annex 2: Sample photo(s)



---- END OF REPORT ----

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