

TEST REPORT

No. : CZIN2307000058CM01_EN

Date : 2023-08-24

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scan to see the report



CZIN2307000058CM01

CUSTOMER NAME: ZHEJIANG JIAHUI DOORS CO., LTD.
ADDRESS: NO.6 JIAHUI ROAD GUMASHAN INDUSTRIAL ZONE WUYI
ZHEJIANG CHINA

Sample Name : SOUNDPROOF DOOR
Product Specification : 62MM
Manufacturer : ZHEJIANG JIAHUI DOORS CO., LTD.
Material : METAL SHEET , SOUNDPROOF FILLING MATERIAL
Color : WHITE

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : CZFS23070004900S
Date of Receipt : 2023-07-31
Testing Period : 2023-07-31 ~ 2023-08-24
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services (Changzhou) Co., Ltd..

Jack Zhang
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Sound Transmission Class	ASTM E90-09(2016)	See Result	/

Note: Pass : Meet the requirements;
 Fail : Does not meet the requirements;
 / : Not Apply to the judgment.



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Test Item: Sound Transmission Class

I. Test Method

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

II. Sample Details

Dimensions	Length: 2410mm Width: 1540mm
Surface Density	/

III. Test Condition

Ambient Temperature	28.1℃	Relative Humidity	87.8%RH
Source Room Volume	96m ³	Receiving Room Volume	85m ³
Description of Test Arrangement	<p>Test Area: 3.71m²(2.41m×1.54m)</p> <p>There is no decoration on the surface of this sample. The sample is assembled and fixed by the customer to the testing hole, and cement mortar is poured and sealed between the door frame and the testing hole.</p>		



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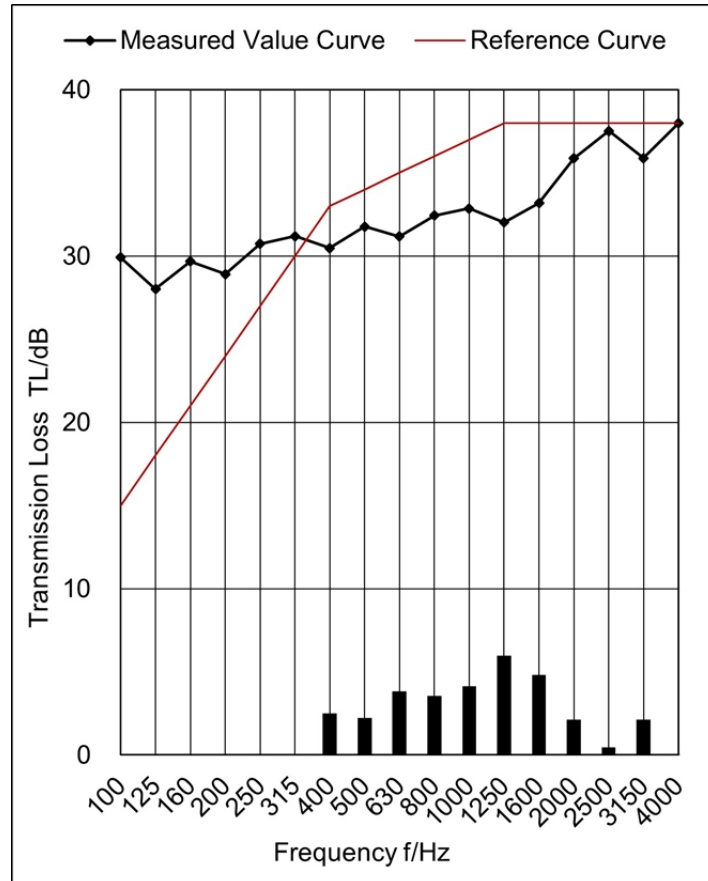
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IV. Test Result

Frequency f, Hz	Transmission Loss, dB
100	29.9
125	28.0
160	29.7
200	28.9
250	30.7
315	31.2
400	30.5
500	31.8
630	31.2
800	32.4
1000	32.9
1250	32.0
1600	33.2
2000	35.9
2500	37.5
3150	35.9
4000	38.0



V. Sound Transmission Class

Rating according to ASTM E413-22:

Sound Transmission Class: STC = 34

Note: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.



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VI. Test Photo(s):



In Test - Facing the Sound Source Room



In Test - Facing the Sound Receiving Room



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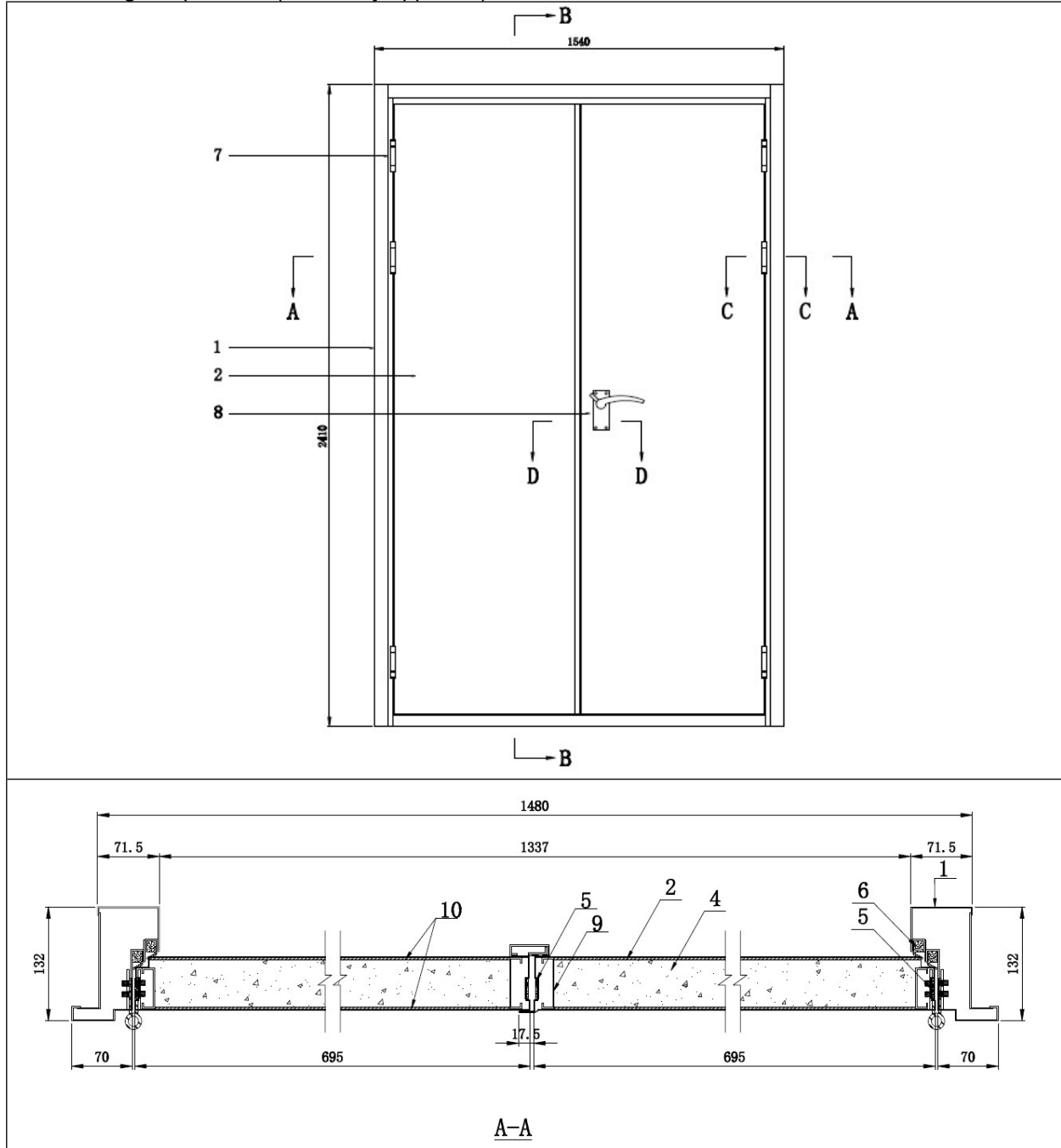
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VII. Drawing of Specimen (offered by applicant):



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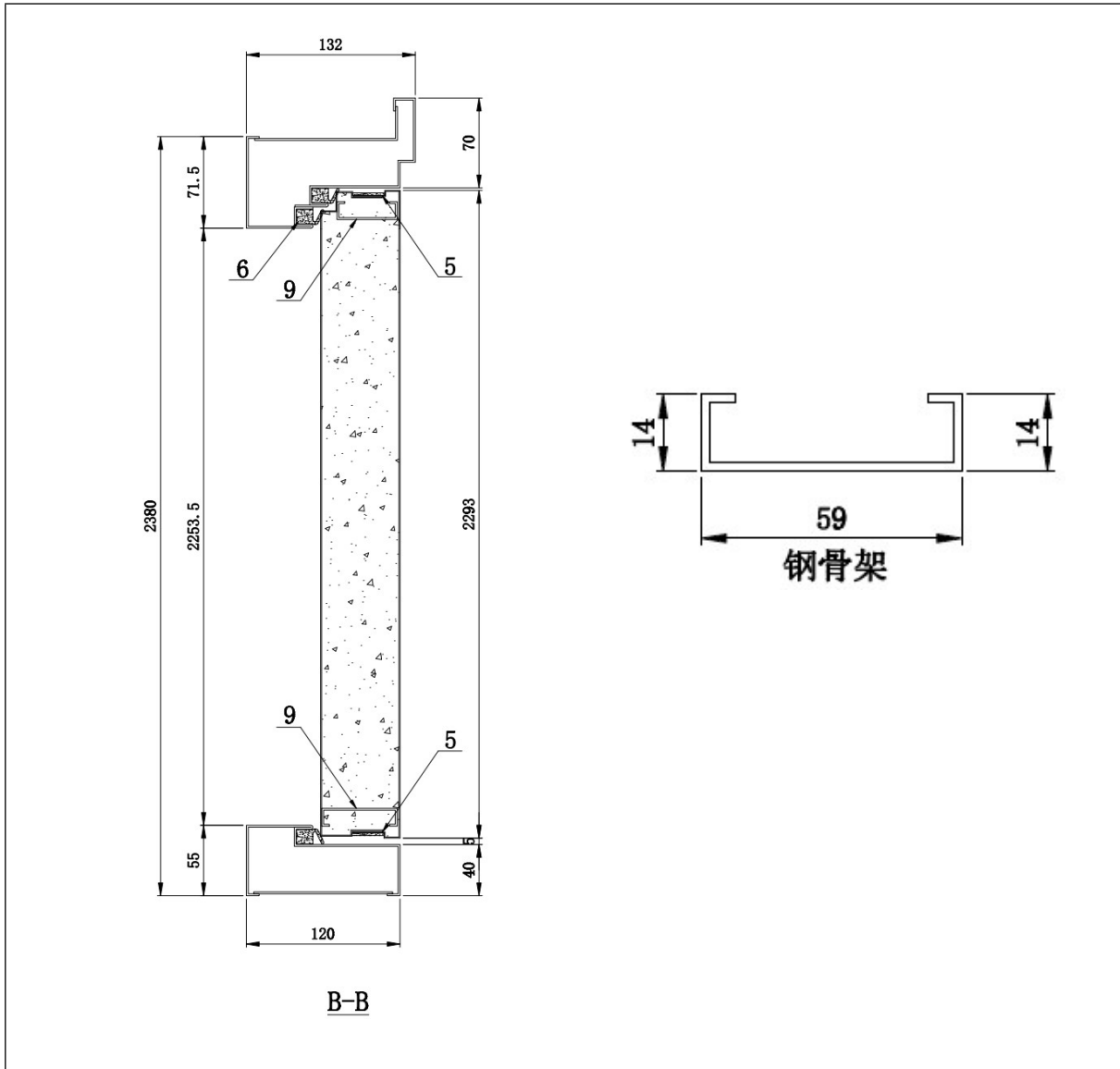
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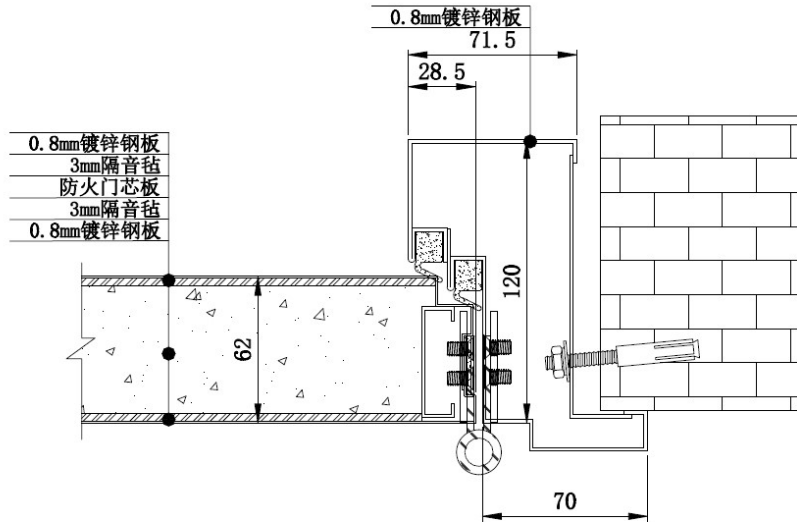
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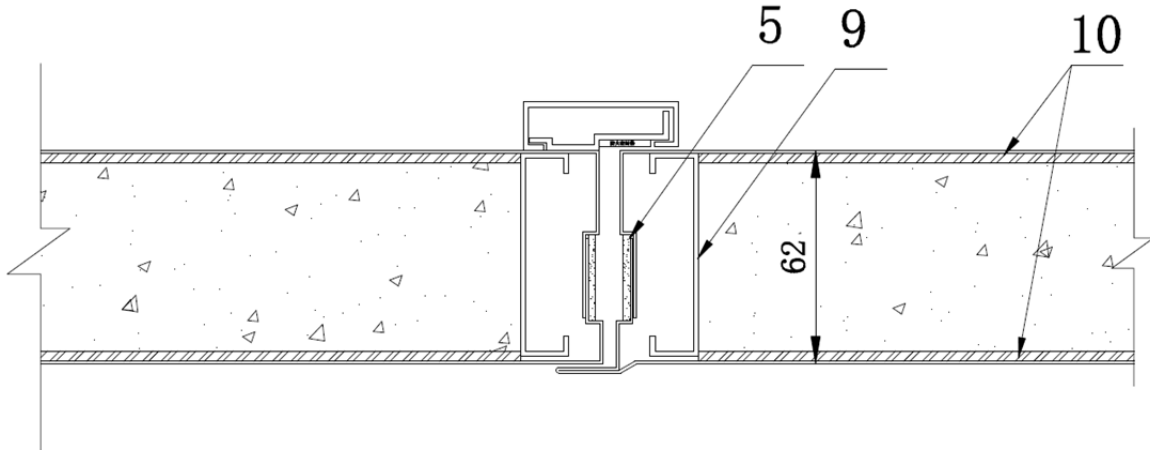
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C-C



D-D



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技术要求:

1. 执行GB12955-2008《防火门》标准;
2. 防火门芯板主要成分: 氧化镁、硫酸镁、水、纤维;

10	隔音毡	3mm
9	钢骨架	1.4mm冷轧镀锌钢板
8	不带锁芯声筑隔音夹锁	
7	4.5寸不锈钢明铰链	
6	防火膨胀密封件	
5	防火膨胀密封件	FPJ-B-25×2
4	防火门芯板	300kg/m ³ ±10%
3	门扇	50mm
2	门扇面板	0.8mm不锈钢板
1	门框	1.5mm不锈钢板



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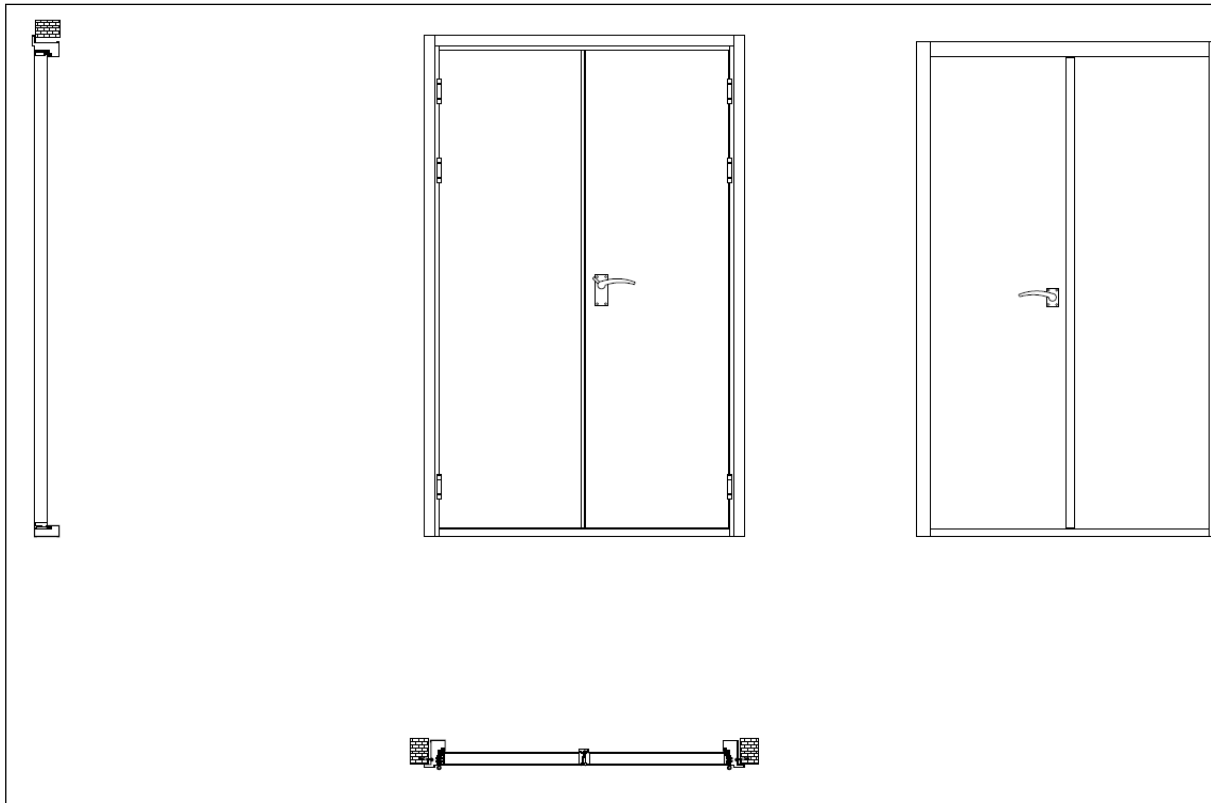
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