

CHEUNG KEE CANVAS LTD  
G/F, 352, RECLAMATION STREET, KOWLOON, HONG KONG.

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : PVC TARPULIN  
Buyer Item No. : CK 2009 SOUND PROOF CANVAS  
Sample Receiving Date : Apr.20, 2020  
Test Performing Date : May 08, 2020 to Jun.12, 2020

### Test Result Summary

No.	Test item	Test(s) Requested(Method)	Result(s)	Comments
1	Reduction of Transmitted Impact Noise	ISO 10140-2-2010	Refer to next page(s)	/

For further details, please refer to the following page(s)

Signed for and on behalf of  
Shunde Branch  
SGS-CSTC Co., Ltd.



Kitty Kang  
Approved signatory

scan to see the report



SDHL2005005938HI



SGS-CSTC Inspection & Testing Services Co., Ltd.  
Shunde Branch Harbin

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1/F, 1<sup>st</sup> Building European Industrial Park, No.1 Shunde South Road, Wusha Section, Daifang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn  
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

**Test Information:**
**Test condition:**

- 1) The test was carried out in the air sound insulation Laboratory of the Architectural Acoustics Laboratory of South China University of Technology
- 2) The volume of sound source room is 88.6m<sup>3</sup>, and the volume of receiving room is 67.9m<sup>3</sup>;
- 3) Temperature: 28°C; Relative humidity: 68%.

**Test accordance:**

Measurement according to ISO 10140-2-2010 'Acoustics -- Laboratory measurement of sound insulation of building elements -- Part 2: Measurement of airborne sound insulation' and ISO 717-1-2013 'Acoustics -- Rating of sound insulation in buildings and of building elements -- Part 1: Airborne sound insulation'.

The sound insulation  $r$  of the tested part is calculated as follows:

$$R = \bar{L}_{p1} - \bar{L}_{p2} + 10 \lg \frac{S}{A} \text{ (dB)} \quad (1)$$

Where

$\bar{L}_{p1}$  is average sound pressure level in the source room, dB;

$\bar{L}_{p2}$  is Average sound pressure level in receiving room, dB;

$S$  is Area of test piece, m<sup>2</sup>, generally equal to the area of test piece hole (10.3 m<sup>2</sup>)

$A$  is Sound absorption of receiving room, m<sup>2</sup>;

**Test Instruments**

Danish B&K2270 architectural acoustic analyzer

Power amplifier B&k2716

12 face non directional loudspeaker B&k4292

Microphone B&k4189

Other supporting equipment.



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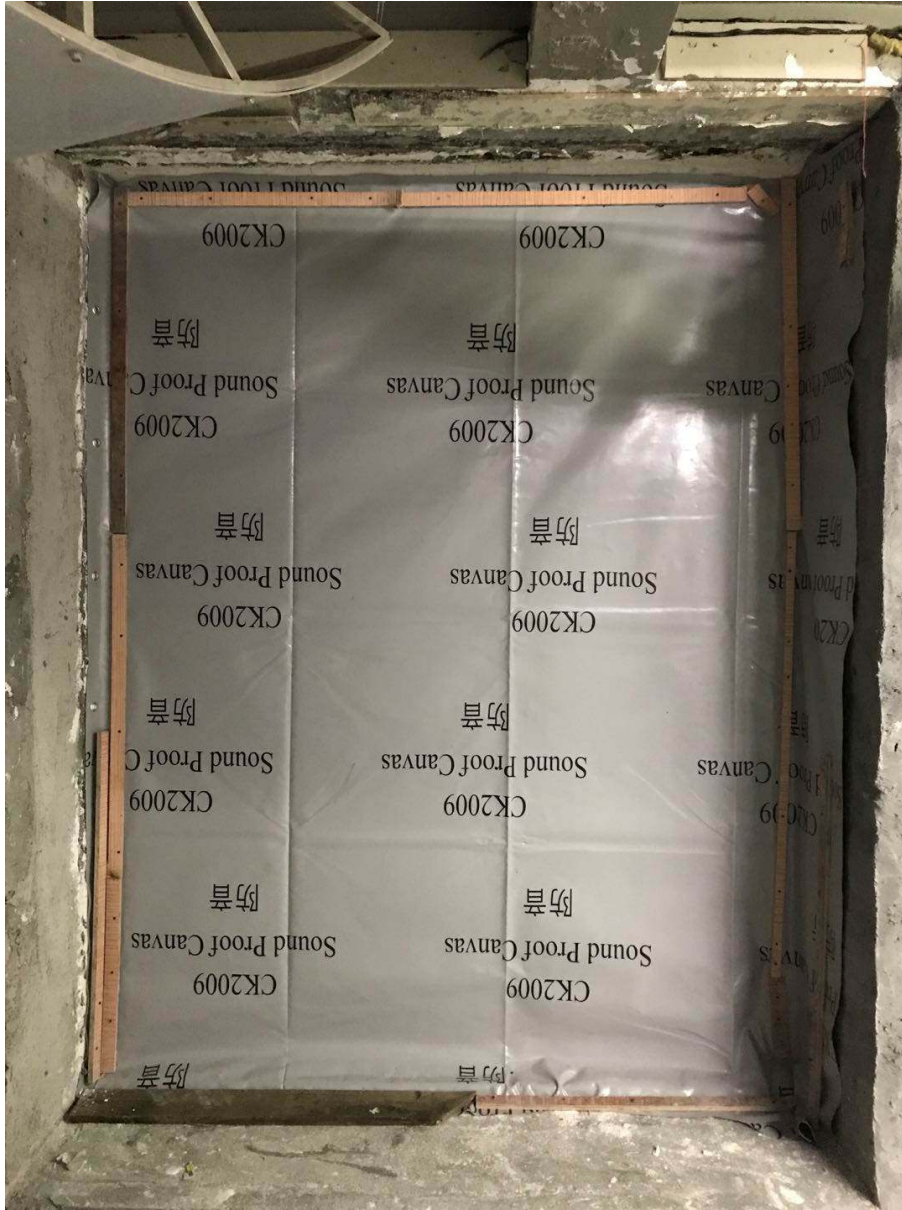
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**Test Result:**

Sample construction	The PVC TRAPULIM area meter 2.9m <sup>2</sup> is installed in the opening of the sound insulation laboratory, and is surrounded by a 500mm thick composite sound insulation wall.	
Test item	Laboratory airborne sound insulation	
<b>Test Result</b>		
Frequency f (Hz)	Airborne Sound Pressure Level (dB)	<p style="text-align: center;">Airborne sound insulation Frequency characteristic curve</p>
100	7.8	
<b>125</b>	<b>10.4</b>	
160	4.9	
200	6.7	
<b>250</b>	<b>5.4</b>	
315	8.6	
400	8.3	
<b>500</b>	<b>9.8</b>	
630	10.4	
800	11.8	
<b>1000</b>	<b>12.9</b>	
1250	14.3	
1600	15.8	
<b>2000</b>	<b>17.2</b>	
2500	18.9	
3150	20.4	
<b>4000</b>	<b>22.6</b>	
5000	24.1	
<b>Rw (C;Ctr)</b>	<b>14(-1;-3)</b>	



Test photo:



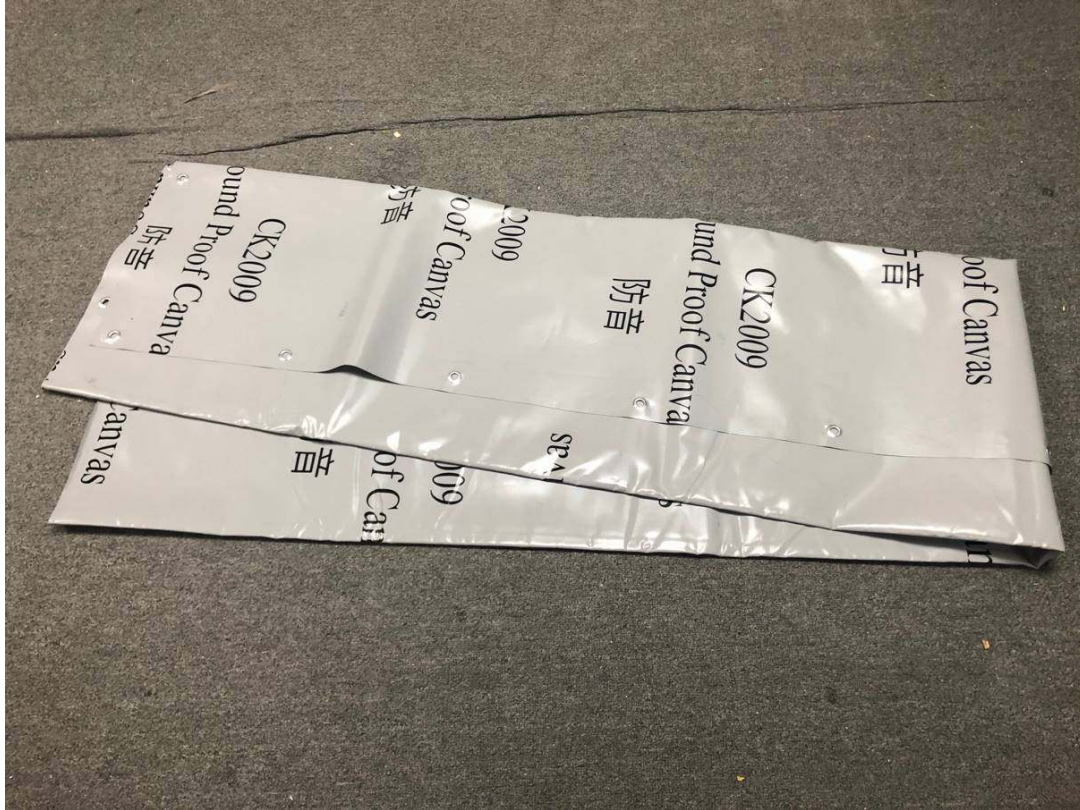
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Sample photo:



Remark: This test was subcontracted to ACOUSTIC TESTING SERVICES LIMITED.

\*\*\*End of Report\*\*\*

