

**TEST REPORT**

No.: CZFTS25000496R01\_EN

Date: Nov 07,2025

Page 1 of 10

**MBS VIC PTY LTD (MBS ARCHITECTURAL)**

7 Haymer Court Braeside, VIC 3195, Australia

**Sample Description** : 25mm Apollo Wood Wool Panel in Paint Colour  
**Color** : Paint Colour  
**Thickness** : 25mm & 35mm  
**Density** : 12.5  
**Composition** : Wood Wool  
**Client Reference Info** : Apollo Wood Wool

The above sample(s) data and information was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

\*\*\*\*\*

**Sample Receiving Date** : Oct 10,2025  
**Testing Period** : Oct 10,2025 to Oct 27,2025  
**Test Required** : AS ISO 9705-2003 (R2016) Fire tests – Full-scale room test for surface products.  
**Test result(s)** : See attached sheet

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Changzhou) Co., Ltd.

Bruce Zhu  
Approved signatory



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**Test Requested:**

AS ISO 9705-2003 (R2016) Fire tests – Full-scale room test for surface products.

**I. Test conducted**

Test in accordance with AS ISO 9705-2003(R2016) Fire tests – Full-scale room test for surface products.

**II. Sample details**

Sample description	25mm Apollo Wood Wool Panel in Paint Colour
Color	Wood
Area Density(kg/m <sup>2</sup> )	12.5
Sample size	600mm*1200mm
Thickness (mm)	25 mm

**Calibration record:** <sup>1)</sup>

Time (min)	Heat output (kW)	Heat release rate calculated from the measure oxygen consumption (kW)	Difference (%)
0~2	0	0	0
2~7	100	99	1
7~12	300	298	1
12~17	100	101	1
17~19	0	0	0

Note:

- 1) At steady state conditions, the difference between the mean rate of heat release over 1 min calculated from the measured oxygen consumption and that calculated from the metered gas input shall not exceed 5 % for each level of heat output.

**Method of sampling:** The test specimens are provided by the customer.

**Preparation and mounting of test specimens:** The specimens were attached to the calcium silicate board by screw bolts. Three walls (excluding the wall containing the doorway) and the ceiling were covered the specimens.



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**III. Test results**

The test results relate only to the behaviour of the test specimens of a material under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

Test item	Result	Time occurred (s)
The peak heat release rate during the first 10 min (kW)	119.9	207
The peak heat release rate during a further 10 min (kW)	350.4	702
The total heat release (MJ)	246.6	
The total smoke release (m <sup>2</sup> )	2338.7	
The max. smoke release rate (m <sup>2</sup> /s)	5.6	1101
SMOGR <sub>RC</sub> / (m <sup>2</sup> /s <sup>2</sup> x 1000)	5.09	
Whether the flashover occurred (Yes / No)	No	

**Remark:** The heat release rate and total heat release include the heat output of the burner.

- 1) Curve of time / heat release rate -- see Figure 1, Appendix 2
- 2) Curve of time / total heat release -- see Figure 2, Appendix 2
- 3) Curve of time / production of carbon monoxide -- see Figure 3, Appendix 2
- 4) Curve of time / production of carbon dioxide -- see Figure 4, Appendix 2
- 5) Curve of time / smoke release rate -- see Figure 5, Appendix 2
- 6) Curve of time / total smoke release -- see Figure 6, Appendix 2

**Observations during the test:**

- 00:00: The test was ready to start.
- 02:00: The heat output of burner was 100 KW.
- 02:36: The smoke was beginning to release and increased gradually.
- 12:00: The heat output of the burner was change to 300 KW.
- 12:55: The flame was spread on the ceiling.
- 22:00: No flashover occurred at the whole test duration, and test was stopped.



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**Statement :**

The test results relate only to the behaviour of the test specimens of a material under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

Within the territory of the People's Republic of China, this report is only used for domestic customers' scientific research, teaching, internal quality control and product R & D, and does not have the role of social certification.

The test results or test reports shall not be used for improper or illegal publicity.

Test Address: No.3, Hehai East Road, Tianning District, Changzhou, Jiangsu, China

Appendix 1

Installation Guidance for Test Materials

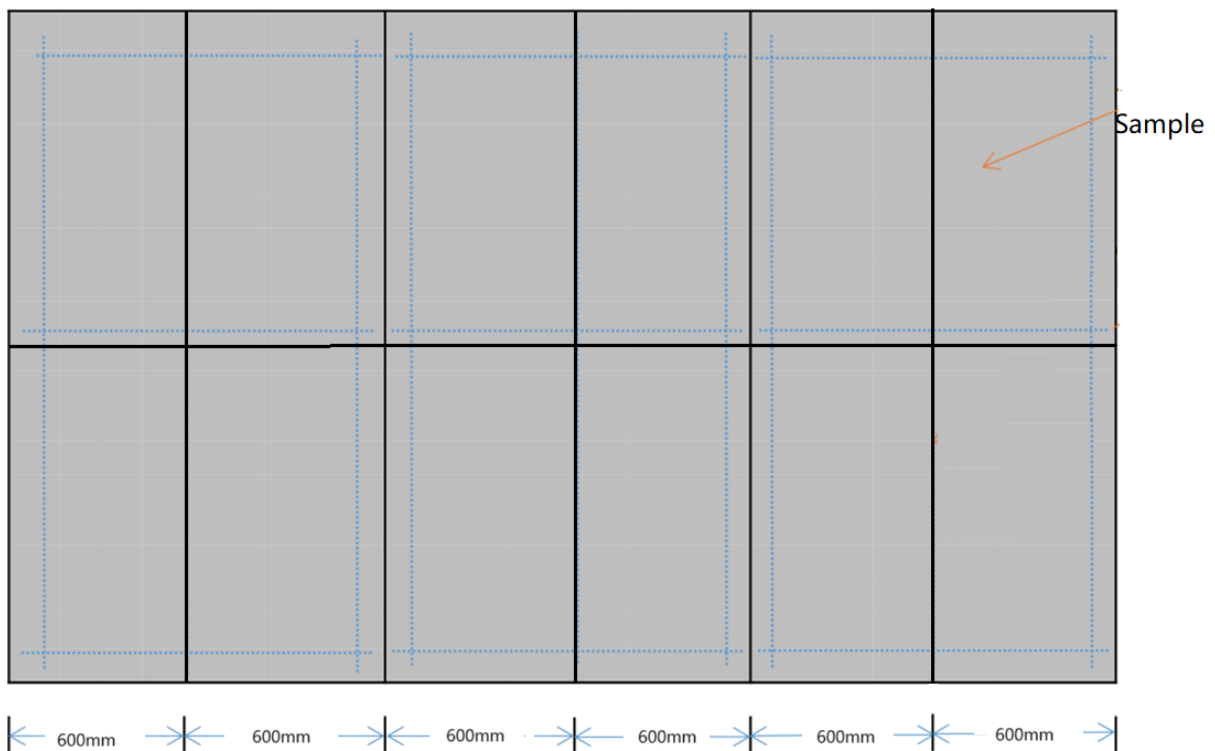


Figure 1: Ceiling Part



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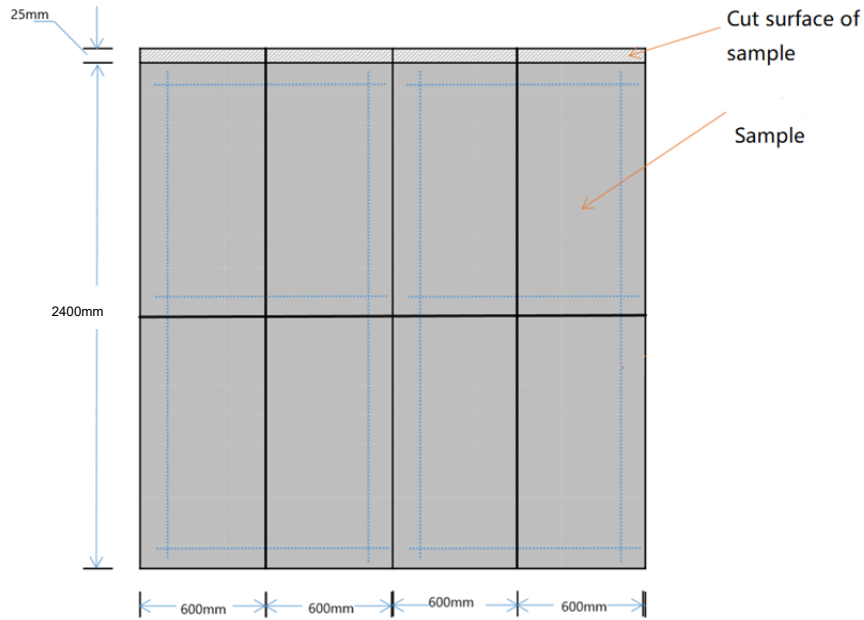


Figure 2: Wall Part (2.4m)

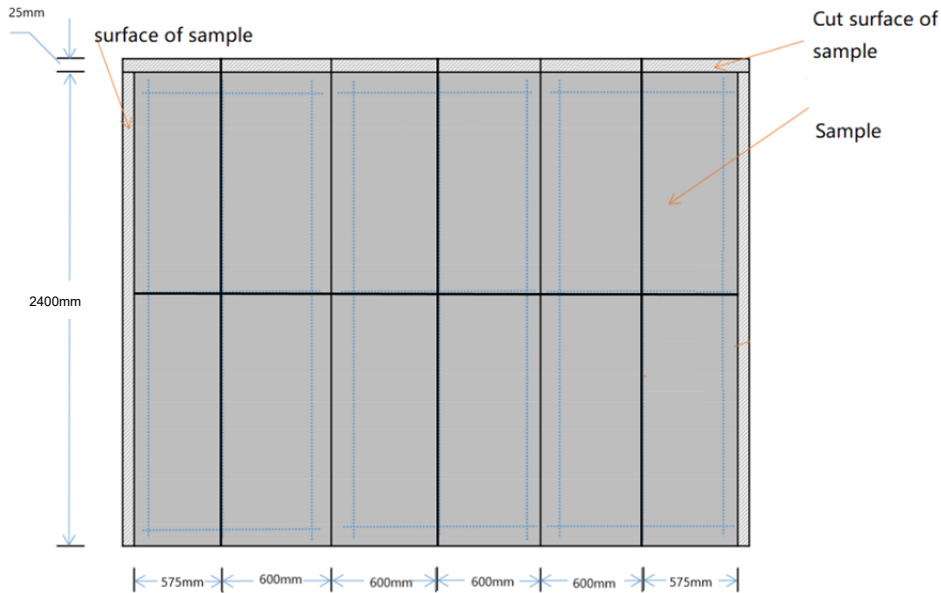


Figure 3: Wall Part (3.6m)



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Appendix 2

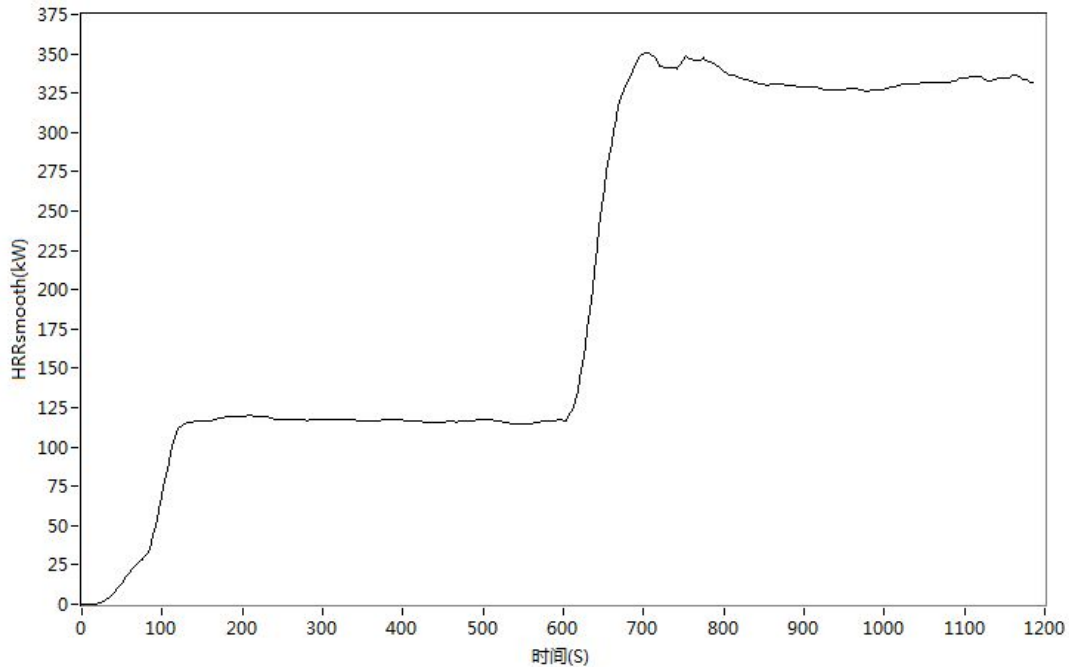


Figure 1 – Heat release rate / Time curve

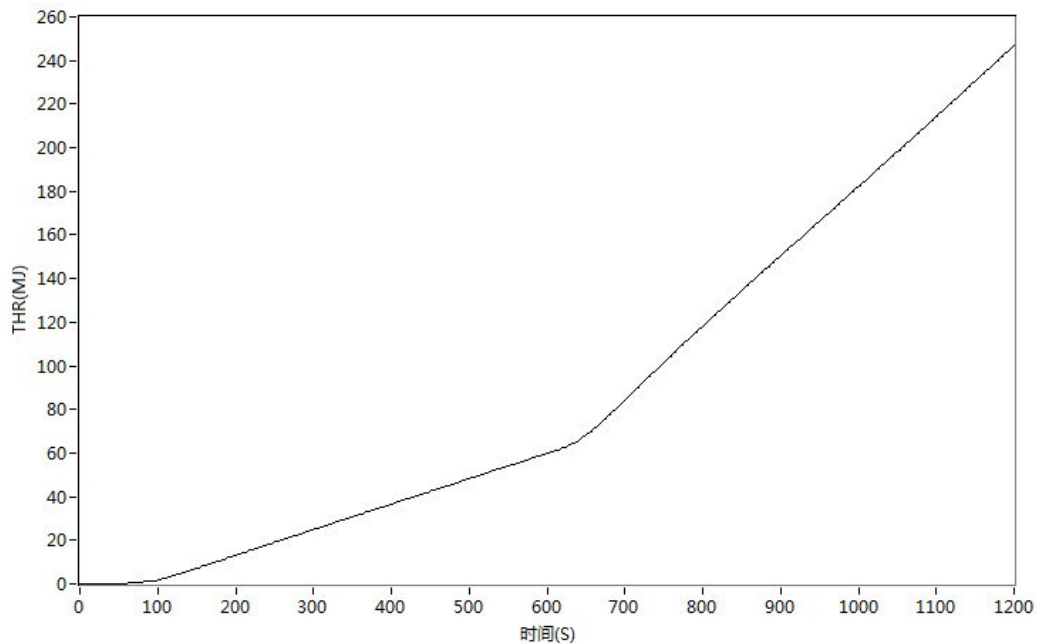


Figure 2 – Total heat release / Time curve



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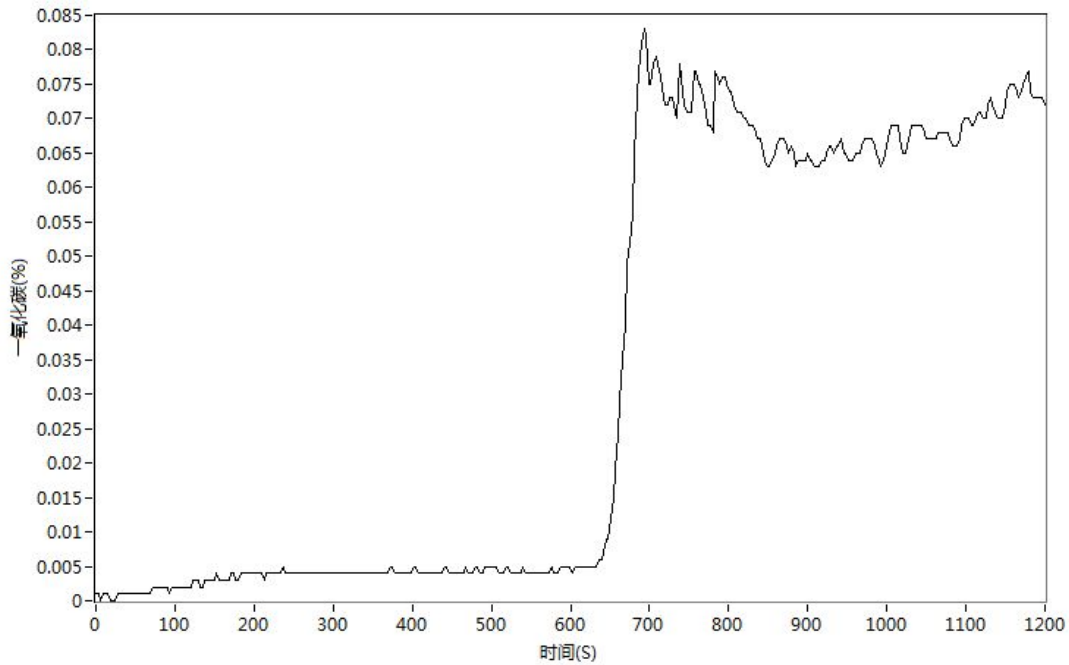


Figure 3 –Carbon monoxide / Time curve

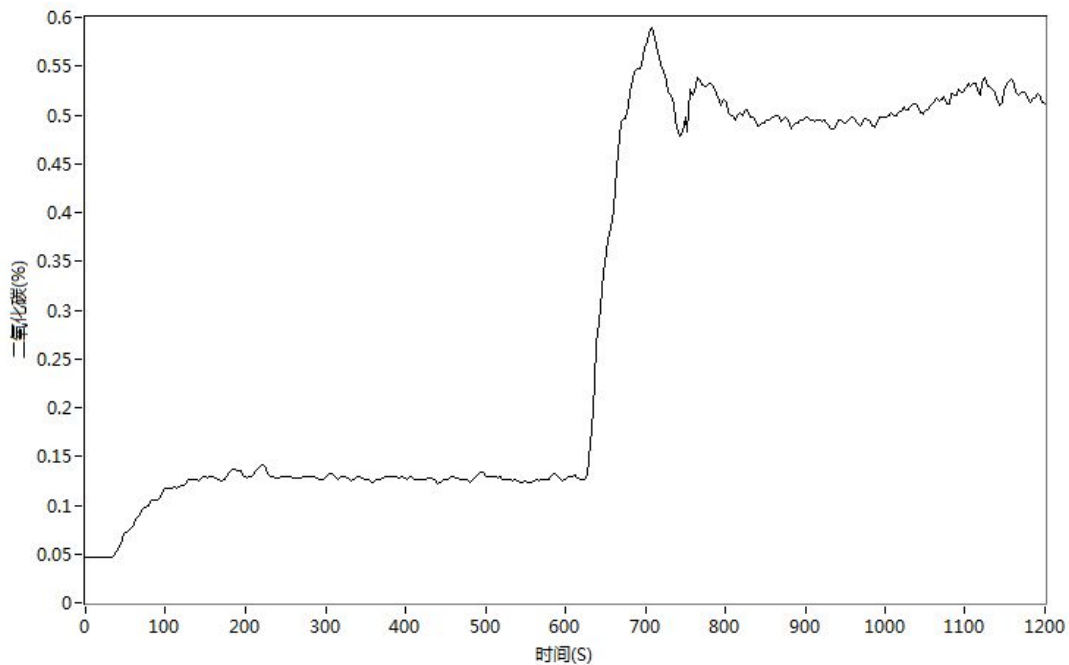


Figure 4 –Carbon dioxide / Time curve



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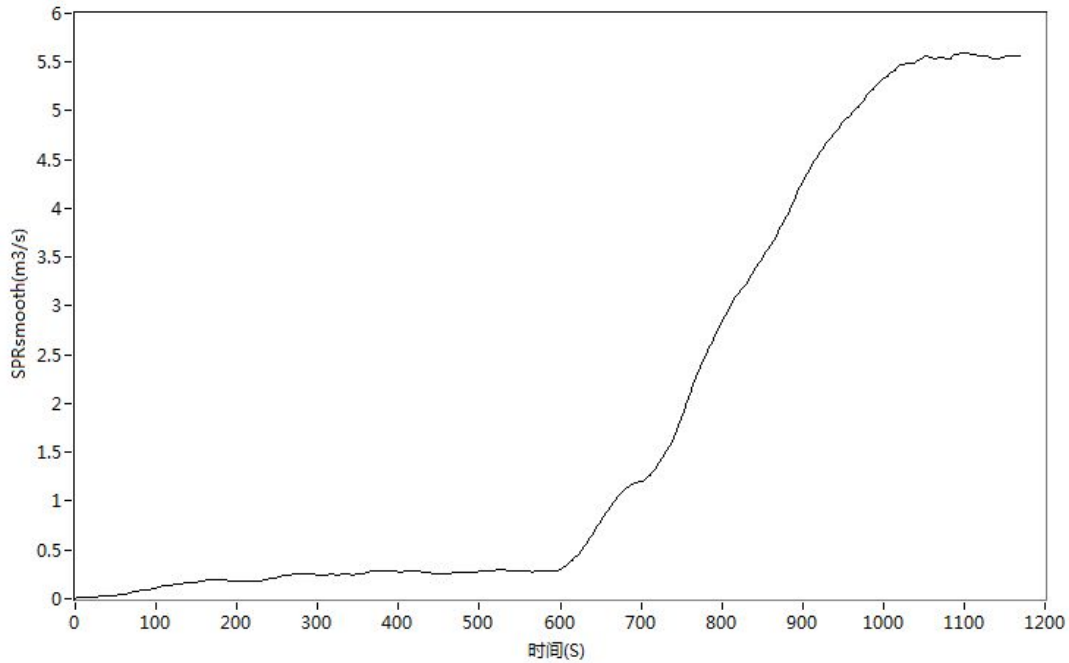


Figure 5 – Smoke release rate / Time curve

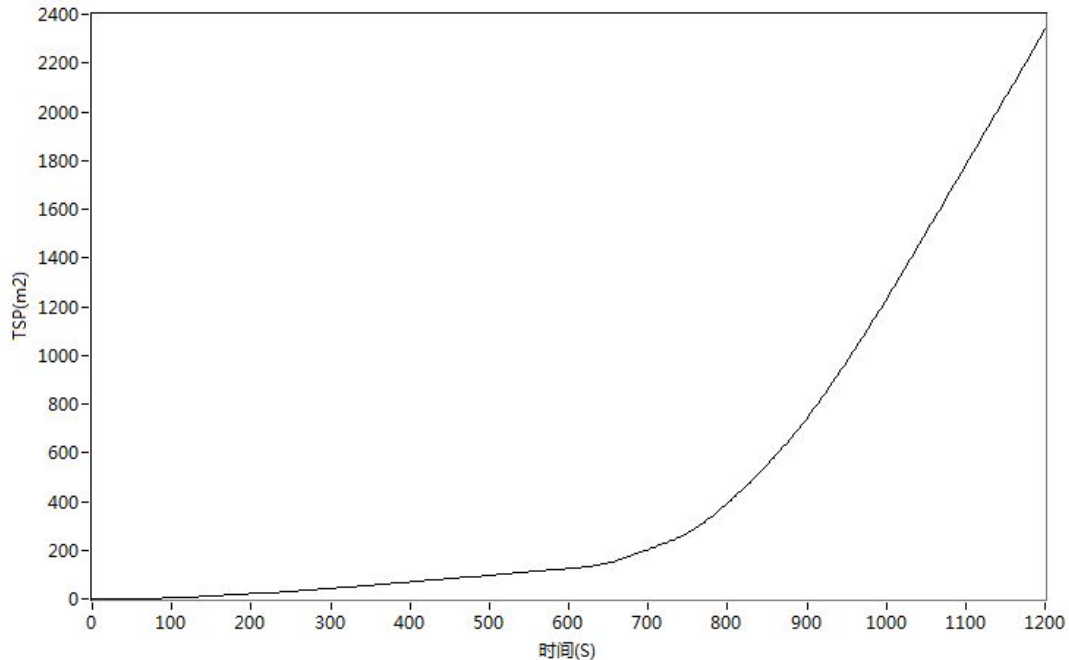


Figure 6 - Total smoke release / Time curve



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Appendix: Photo



Figure 1: Before test

Figure 2: Ignition

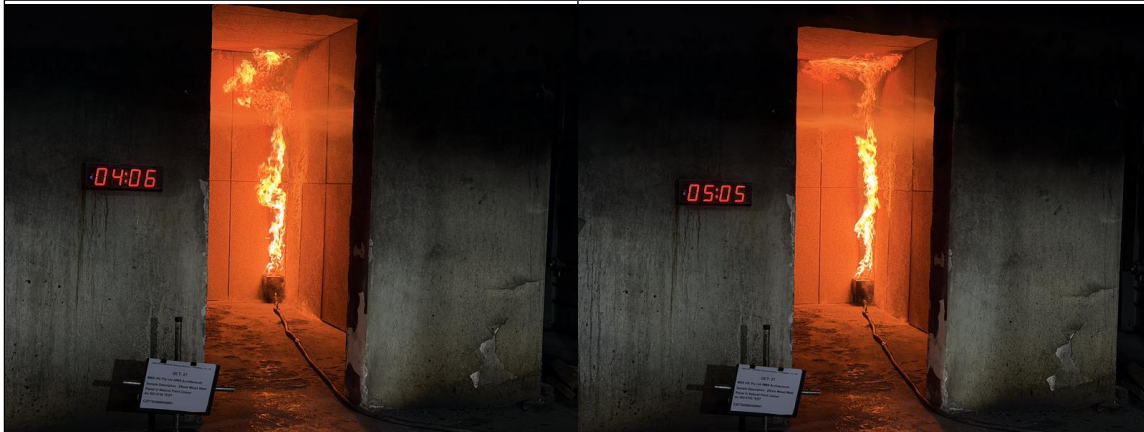


Figure 3: 100kW-1

Figure 4: 100kW-2

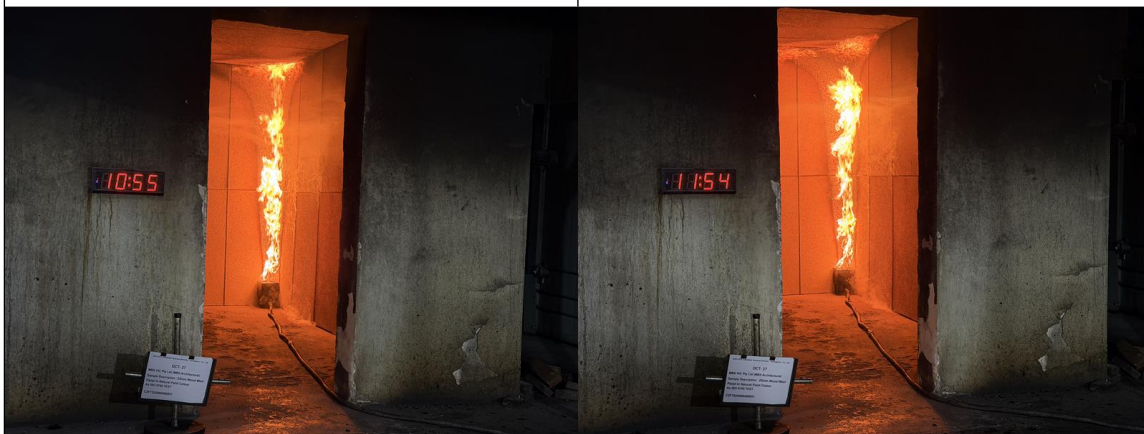


Figure 5: 100kW-3

Figure 6: 100kW-4



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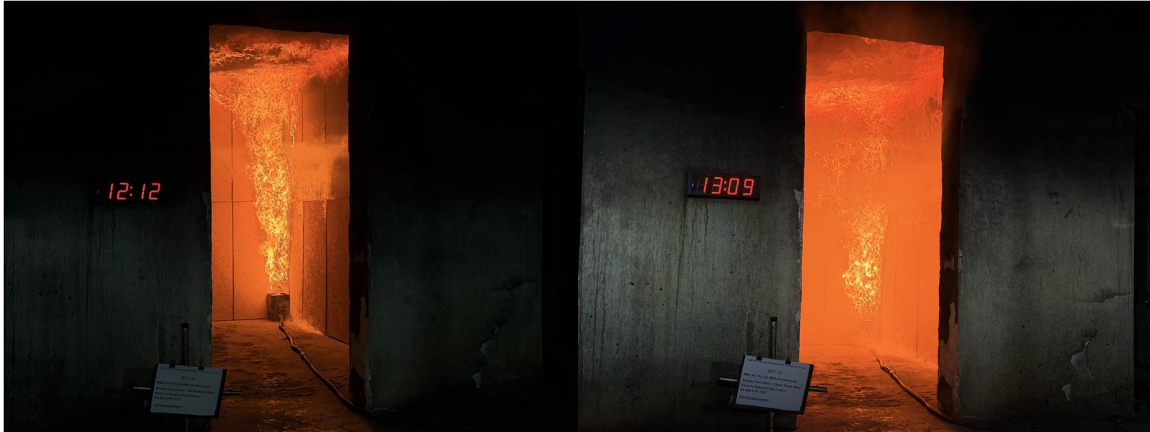


Figure 7: 300kW-1

Figure 8: 300kW-2

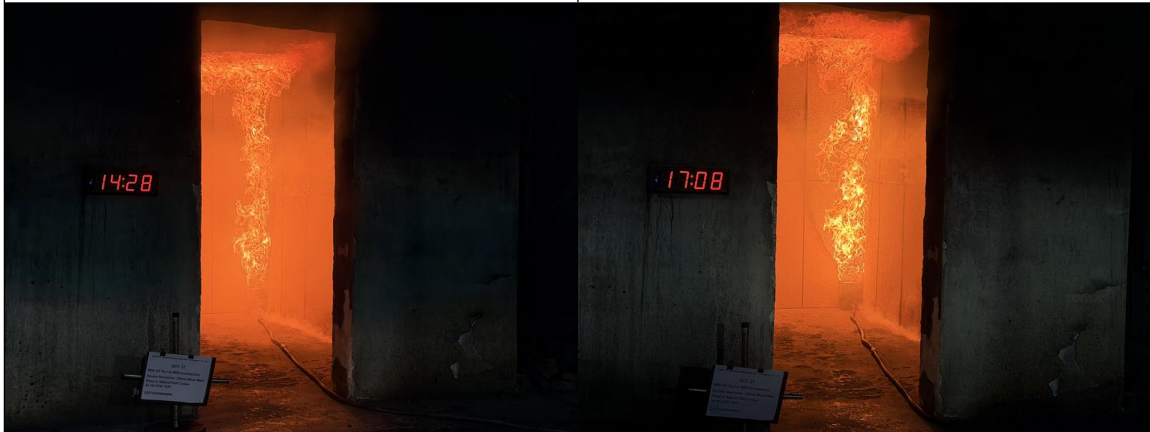


Figure 9: 300kW-3

Figure 10: 300kW-4



Figure 11: Burner extinguishing

Figure 12: After test

SGS authenticate the photo on original report only

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



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