TEST REPORT

Performance test

Report Reference No. .	[illegible]
Tested by (name and signature) .	Jacky Yao
Approved by (name and signature) ..	Jeff Deng Jeff Deng
Date of issue ..	January 19, 2026
Contents	Total test report 5 pages including Report text: 3 pages Appendix A for test data 1 page Appendix B for product photos 1page.
Testing Laboratory name	Intertek Testing Services Shenzhen Ltd.
Address ..	Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China
Testing location.....:	Same as above
Applicant's name	Linyi Cuzi Plywood Co.,Ltd
Address	Liuzhuang Plywood Industrial Park 3-8,Tanyi Town, Feixian County, Shandong, China
Test specification:	
Standard.....	BS 476-6:1989+A1:2009
Non-standard test method... ...….....	N/A
Test item description	Fire Retard Plywood
Trade Mark	CUZI
Model and/or type reference	225*225”18(mm)
Manufacturer	Linyi Cuzi Plywood Co.,Ltd
Rating(s)	

CONCLUSION:

Refer to test data.

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Test item particulars
Classification of installation and use ..... : —
Possible test case verdicts
- Test case does not apply to the test object..... : N/A
- Test object does meet the requirement ..... : P (Pass)
- Test object does not meet the requirement ..... : F (Fail)
Testing
Date of receipt of test item..... : January 05 2026
Date (s) of performance of tests ..... : January 05, 2026 to January 19, 2026
General remarks:
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General product information:
The test sample named Fire Retard Board, Submitted sample dimension: 225×225×18mm. Refer to 'Appendix B Product Photo' for details.

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BS 476-6			
Clause	Requirement - Test	Result - Remark	Verdict
↓	Fire propagation Prior to testing, the sample was conditioned, to constant mass at a temperature of 23 ± 2 °C, and a relative humidity of 50 ± 10 %, and maintained in this condition until required for testing. Three specimens with dimension of 225×225mm were tested according to clause 9 of BS 476-6, and the test result was calculated through clause 10 of BS 476-6.	Fire propagation index: 18.87; Refer to 'Appendix A – Test data' for detail.	↓

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Appendix A

Test Data

Throughout the test on each specimen, carefully observe the material's behaviour within the apparatus and take special note of any of the following phenomena listed in clause 9.2 of the standard. None of the listed phenomena was observed and the test results on all three specimens tested were valid.

The index of the performance for the specimen was determined as follows:

$$S_1=\sum_{t=0.5}^{t=3}\frac{\theta_S-\theta_C}{10t},\ S_2=\sum_{t=4}^{t=10}\frac{\theta_S-\theta_C}{10t},\ S_3=\sum_{t=12}^{t=20}\frac{\theta_S-\theta_C}{10t},\ S=S_1+S_2+S_3$$

Where:

S = index of performance for each of the specimens tested and S1, S2 and S3 are sub-indices;
t = Time in minutes from the origin which reading are taken;
θs = Temperature rise in ℃ for the specimen at time, t;
θc = Temperature rise in ℃ for the calibration sheet at time, t.

Fire Propagation index $I = i_1 + i_2 + i_3$

Where, i1, i2 and i3 are given by the expressions:

$$i_1 = \frac{1}{3}[(S_1)_A + (S_1)_B + (S_1)_C],\ i_2 = \frac{1}{3}[(S_2)_A + (S_2)_B + (S_2)_C],\ i_3 = \frac{1}{3}[(S_3)_A + (S_3)_B + (S_3)_C]$$

The following test results were obtained for each specimen tested:

Specimen No.	Sub-indices			Index of performance
	S1	S2	S3	S
A	5.35	8.09	5.65	19.09
B	5.08	7.99	5.63	18.69
C	5.25	7.99	5.61	18.85
Number of specimens tested	Sub-index	Sub-index	Sub-index	Fire propagation
	i_1	i_2	i_3	I
3	5.22	8.02	8.63	18.87

Note: If a suffix "R" is included in the above fire propagation index I, this indicates that the results should be treated with caution.

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Appendix B

Product photo



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

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China
Tel: 86 20 8213 9888 Fax: 86 20 3205 7538 www.intertek-etlsemko.com