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SAFETY TEST REPORT

MEASUREMENT AND TEST REPORT

For

GUANGZHOU ONMUSE INDUSTRIAL CO., LTD	
Room 1831,Building NO.1,Minjie Kechuang Centre,Baiyun District,Guangzhou,P.R.China	
Models:	Double glazed partition system
Equipment Type:	86T Double-Glazed Laminated Glass Partition
Test Standard:	See the next page
Report Number:	GBT6040521673
Test Date:	2026-04-08 to 2026-04-14
Prepared By:	**Guangdong Baotong Quality Inspection Co.,Ltd.** Room 802,Building 22,CIMC Intelligent Manufacturing Center,No.15.Shunye West Road,Xingtan,Shunde District.Foshan,Guangdong.China
Date of issue	2026-04-14

Tested by: Reviewer: Approved:

TEST REPORT	
Applicant	
name..... :	GUANGZHOU ONMUSE INDUSTRIAL CO., LTD
Address..... :	Room 1831,Building NO.1,Minjie Kechuang Centre,Baiyun District,Guangzhou,P.R.China
Test specification:	
Standard..... :	ASTM E84-22 - Standard Test Method for Surface Burning Characteristics of Building Materials
Test procedure..... :	Type Test
Non-standard test method……:	N/A
Test item	
Description..... :	86T Double-Glazed Laminated Glass Partition
Model and/or type reference..... :	Double glazed partition system
Additional model..... :	Laminated glass on both sides Glass build-up for each side: 6 mm + 1.14 PVB + 6 mm Overall assembly: double-sided laminated configuration with a total of four glass plies Glass type: fully tempered laminated safety glass Frame type: full aluminum frame system Gasket / sealing strip treatment at ceiling and floor junctions Standard 3M joint treatment between glass panels
Trade mark ..... :	/
Ratings ..... :	/
Manufacturer ..... :	GUANGZHOU ONMUSE INDUSTRIAL CO., LTD
Address ……:	Room 1831,Building NO.1,Minjie Kechuang Centre,Baiyun District,Guangzhou,P.R.China
Test item particulars	
Classification of installation and use:	N/A
Supply Connection..... :	N/A
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)

Summary of testing:	
Tests performed (name of test and test clause): The submitted samples were tested and found to comply with the requirements of ASTM E84	**Testing location:** Guangdong Baotong Quality Inspection Co.,Ltd. Room 802,Building 22,CIMC Intelligent Manufacturing Center,No.15.Shunye West Road,Xingtan,Shunde District.Foshan,Guangdong.China

Summary of compliance with National Differences:

☒ The product fulfils the requirements of **ASTM E84**

Copy of marking plate

86T Double-Glazed Laminated Glass Partition

Model No.: Double glazed partition system
Rating: /

Made in China
GUANGZHOU ONMUSE INDUSTRIAL CO., LTD

Note:

As declared by the applicant the authorized EEA representative or importer was not decided at the time of application, but will be marked on the products before placing them on the market.

Note: According to when placing the products on the market the authorized representative / importer within the European Economic Area (EEA) must be marked on the product if the manufacturer is not located within the EEA. Marking on the packaging is only acceptable if it is not possible to place such markings on the product.

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.....:	2026-04-08
Date (s) of performance of tests.....:	2026-04-08 to 2026-04-14

General remarks:

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

Company Name and Address shown on Report, the sample(s) and sample Information was/ were provided by the applicant who should be responsible for the authenticity which GBT hasn't verified.

"(see Enclosure #)" refers to additional information appended to the report.

"(see appended table)" refers to a table appended to the report.

These tests fulfill the requirements of standard **ASTM E84**

When determining the test conclusion, the Mea surement Uncertainty of test has been considered.

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

Name and address of factory (ies).....:	GUANGZHOU ONMUSE INDUSTRIAL CO., LTD Room 1831,Building NO.1,Minjie Kechuang Centre,Baiyun District,Guangzhou,P.R.China

General product information and other remarks:

The product is 86T Double-Glazed Laminated Glass Partition which is used for building interior wall and ceiling partition.

The specified Max. ambient temperature is +25°C.

Test Report

I. TEST CONDUCTED

This test was conducted in accordance with ASTM E84-22 Standard Test Method for Surface Burning Characteristics of Building Materials.

II. INTRODUCTION

The method,designated as ASTM E84-22,"Standard Method of Test for Surface Burning Characteristics of Building Materials",is designed to determine the relative surface burning characteristics of materials under specific test conditions.Results are expressed in terms of flame spread index(FSI)and smoke developed index(SDI).

The purpose of this test method is to determine the relative burning behavior of the material by observing the flame spread along the specimen.Flame spread and smoke developed index are reported.However, there is not necessarily a relationship between these two measurements.

Ⅲ. TEST PROCEDURE

The tunnel is preheated to 65.6℃(150°F),as measured by the floor-embedded thermocouple located 7.09m(23.25 ft)downstream of the burner ports,and allowed to cool to 40.6℃(105°F),as measured by he floor-embedded thermocouple located 3.96m(13ft)from the burners.At this time the tunnel lid is raised and the test sample is placed along the ledges of the tunnel so as to form a continuous ceiling 7.32m (24 ft)long,304.8mm(12 in)above the floor.The lid is then lowered into place.

Upon ignition of the gas burners,the flame spread distance is observed and recorded every 30 seconds. Flame spread distance versus time is plotted ignoring any flame front recessions.If the area under the curve(A)is less than or equal to 97.5 ft*min,FSI=0.515·A;if greater,FSI=4900/(195-A)

The test results for smoke shall be plotted and the area under the curve shall be divided by the area under the curve for heptane,multiplied by 100,and rounded to the nearest multiple of five to establish a numerical smoke-developed index(SDI).

IV. CONDITIONING

Prior to testing,the sample was conditioned to a constant weight at a temperature of (23±2.8)°℃(73.4±5°F) and at a relative humidity of (50±5)%.

Test Report

Sample details

Sample description	86T Double-Glazed Laminated Glass Partition
Sample size	See the page 9
Thickness	See the page 9

Exposed face: Lines surface

Mounting methods:
The test specimen was installed with full aluminum frame system, fixed according to ASTM E84 standard installation requirements

Test results

Flame	Spread Index,FSI	Smoke-developed Index,SDI
	15	30

RATING:

The National Fire Protection Association Life Safety Code 101,Chapter 10,Section 10.2.3 "Interior Wall and Ceiling Finish Classification",has a means of classifying materials with respect to Flame Spread and Smoke Developed when tested in accordance with ASTM E84,UL 723"Method of Test of Surface Burning Characteristics of Building Materials".

International Building Code,Chapter 8,Interior Finishes,Section 803"Wall and Celing Finishes",was classified in accordance with ASTM E84 or UL 723.Such interior finish materials shall be grouped in the following classes in accordance with their flame spread and smoke-developed indexe

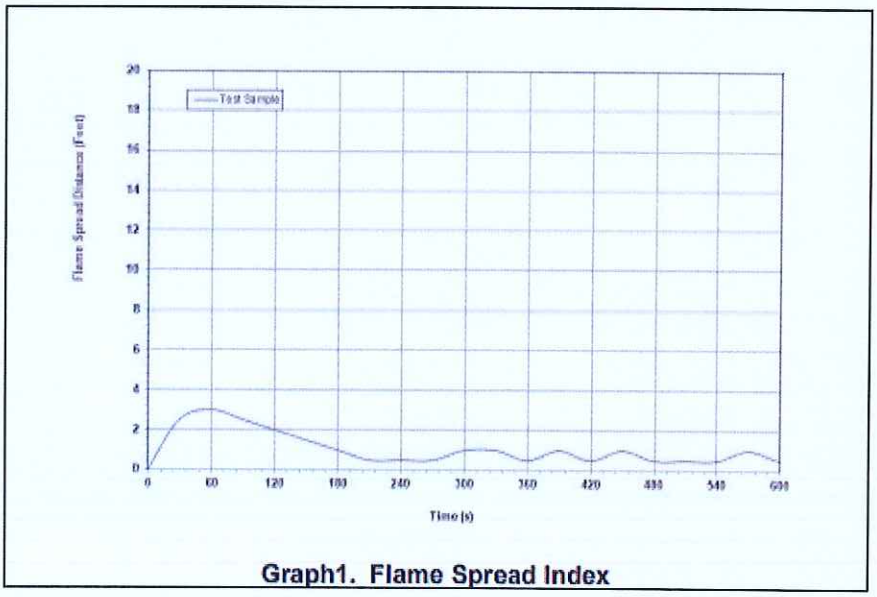
Test Report

The classifications are as follows:

Classification	Flame Spread Index,FSI	Smoke-developed Index,SDI
Class A	0-25	0-450
Class B	26-75	0-450
Class C	76-200	0-450

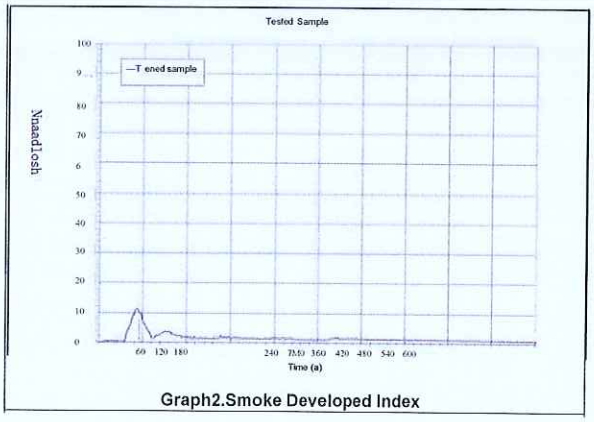
Since the tested sample received a Flame Spread Index 15 and a Smoke-developed Index 30,it would meet the requirements of Class A inteior Wall &Ceiling Finish Category

GRAPHICAL RESULTS:



Graph1. Flame Spread Index

Test Report



Graph2.Smoke Developed Index

OBSERVATIONS

Time to ignition (sec)	18
Time to Max.FS(sec)	56
Maximum FS(feet)	3.0
Observations	NO

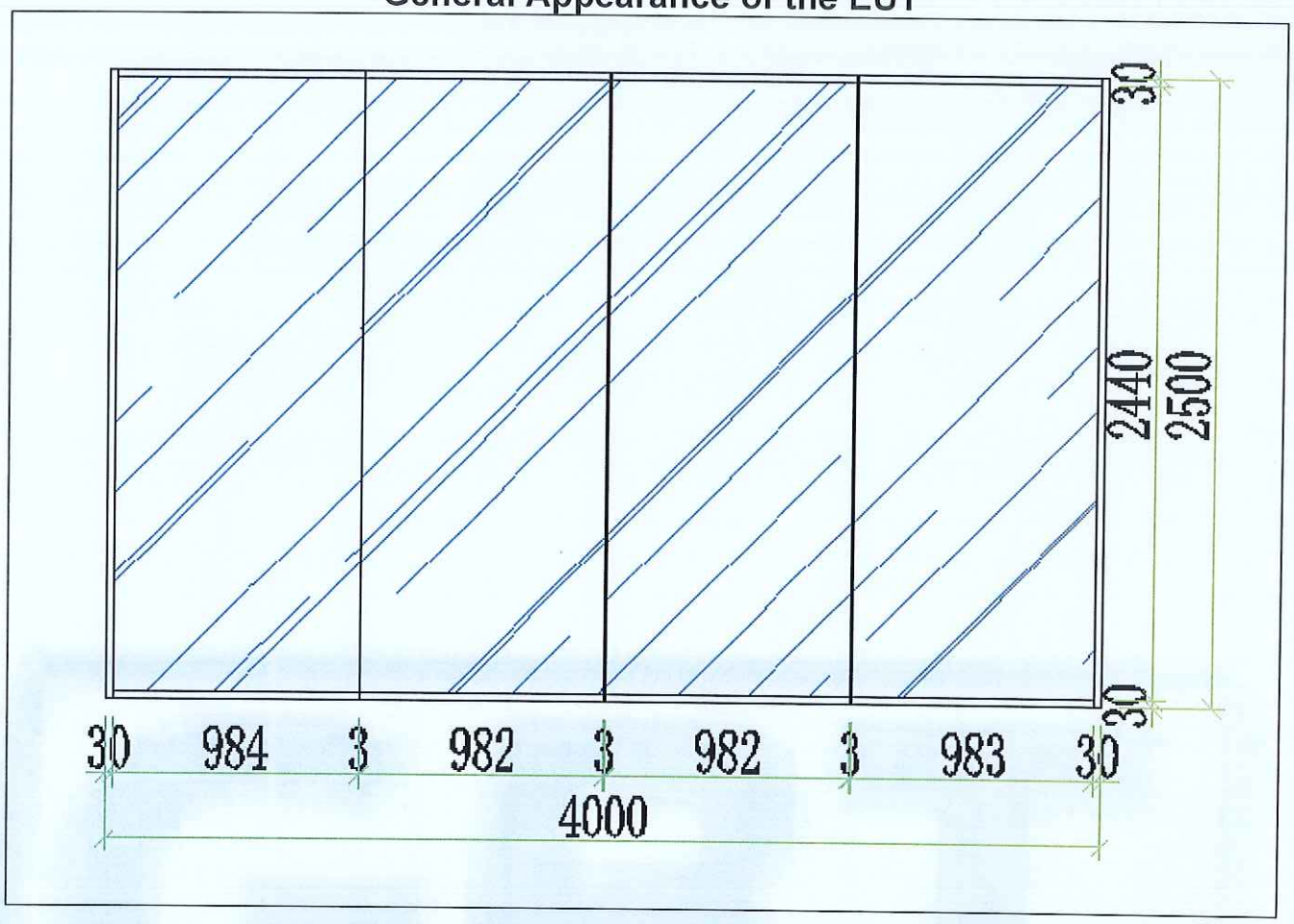
WARNING:

The use of supporting materials on the underside of the test specimen has the ability to lower the flame spread index from those which might be obtainedif the specimen could be tested without such support.These test results do not necessarily relate to indices obtained by testing materials without such support.

Testing of materials that melt,drip,or delaminate to such a degree that the continuity of the flame fron is destroyed,results in low flame spread indices that do not relate directly to indices obtained by testng materials that remain in place.

The test results relate only to the specimens of the product in the form in which were tested.Small ifferences in the composition or thickness of the product may significantly affect the performance duing the test and may therefore invalidate the test results.Care should be taken to ensure that any product,which is supplied or used,is fully represented by the specimens,which were tested.

General Appearance of the EUT



End of report