MOSO NORTH AMERICA, INC.
PO BOX 793 WORCESTER, PA 19490 USA

Sample Description	:	MOSO BAMBOO THERMO DECKING
Product specification	:	1830x137x20mm

The above 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.

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SGS Ref No.	:	NBIN2409000105CM02
Sample Receiving Date	:	Sep.29, 2024
Test Performing Date	:	Sep.29, 2024 to Oct.22, 2024

Test Result Summary

Test(s) Requested	Result(s)
CAN/ULC-S102:2018+R1:2019 Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies	FSR:15 SDC:35

Summary:

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

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

Scan to see the report

SDFS2409006795FF-01
Verification:
check.sgsonline.com.cn

Ada Liu
Approved signatory

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TESTS AND RESULTS

Test Conducted:

CAN/ULC-S102:2018+R1:2019 Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies

Sample Preparation:

Prior to testing, the specimen was conditioned to constant weight at a temperature of (23±3)℃and a relative humidity of (50±5)%.

The test specimen consisted of a total of 9 sections of material. The sections were butted together during testing to form the requisite specimen length. The specimen was self-supporting on the ledges of the test chamber

Test Results:

Sample No.	Calculated Values	
	FSV (Flame spread Value)	SDV (Smoke developed Value)
1	16.0	34
2	15.5	35
3	13.9	31

Classification:

FSR(Flame Spread Rating) :15

SDC (Smoke Developed Classification):35

Remark:

FSR - Calculated the numerical average of the individual Flame Spread Values (FSV), then round the average to the nearest of 5 points. The rounded average is the Flame Spread Rating (FSR)

SDC - Calculated the numerical average of the individual Smoke Developed Values (SDV), then round the average to the nearest of 5 points. The rounded average is the Smoke Developed Classification (SDC)

Observations of Burning Characteristics:

Specimen No.	Time to ignition(s)	Comments and Observation
1	59	Charring
2	64	Charring
3	66	Charring

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Graphical Results:

Sample 1

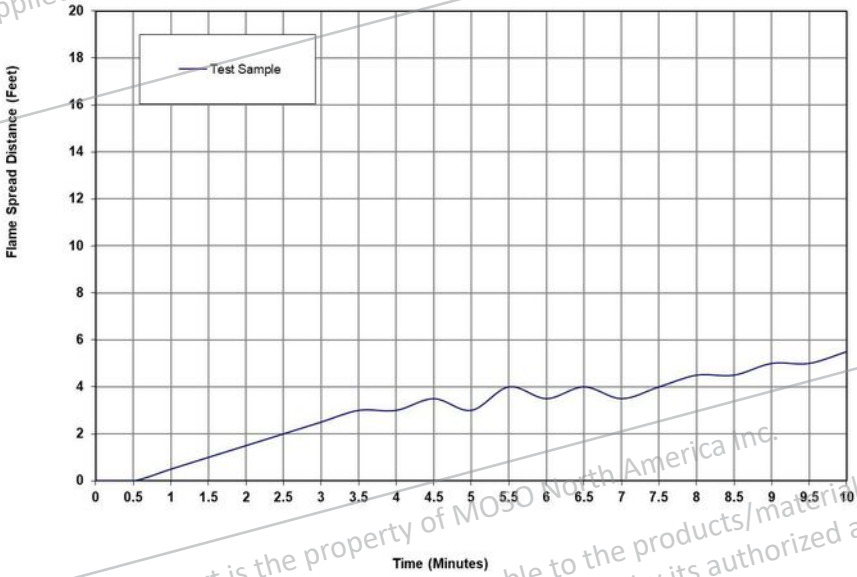

Figure 1. Flame Spread Chart

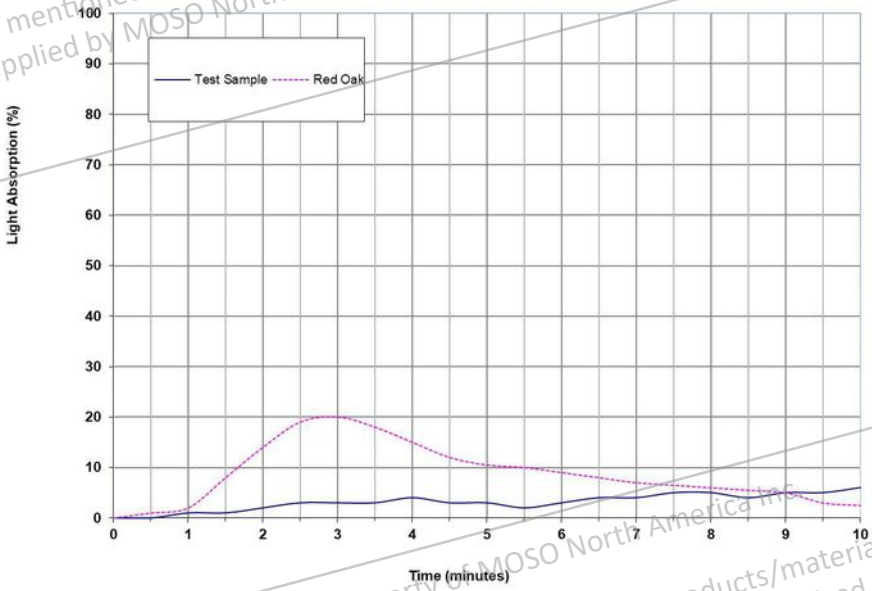

Figure 2. Smoke Developed Chart

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Graphical Results:

Sample 2

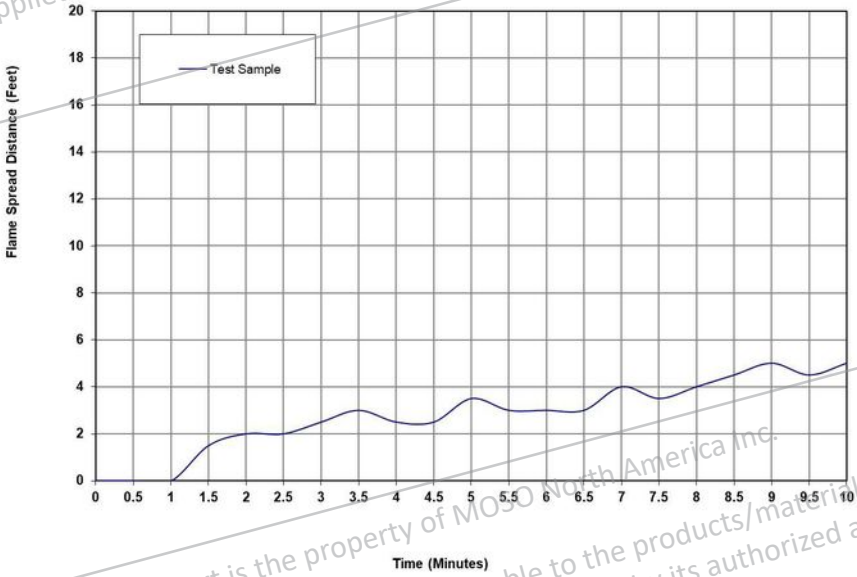

Figure 3. Flame Spread Chart

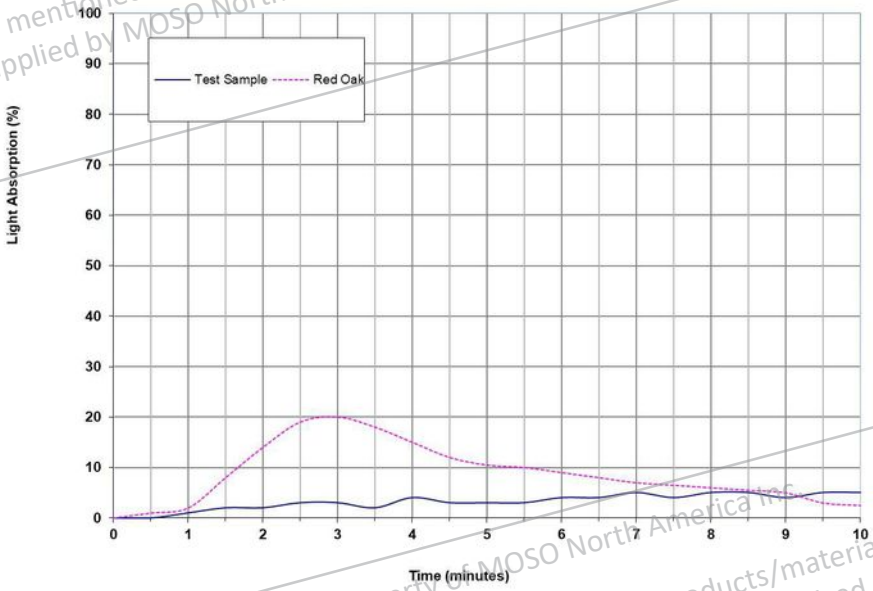

Figure 4. Smoke Developed Chart

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Graphical Results:

Sample 3

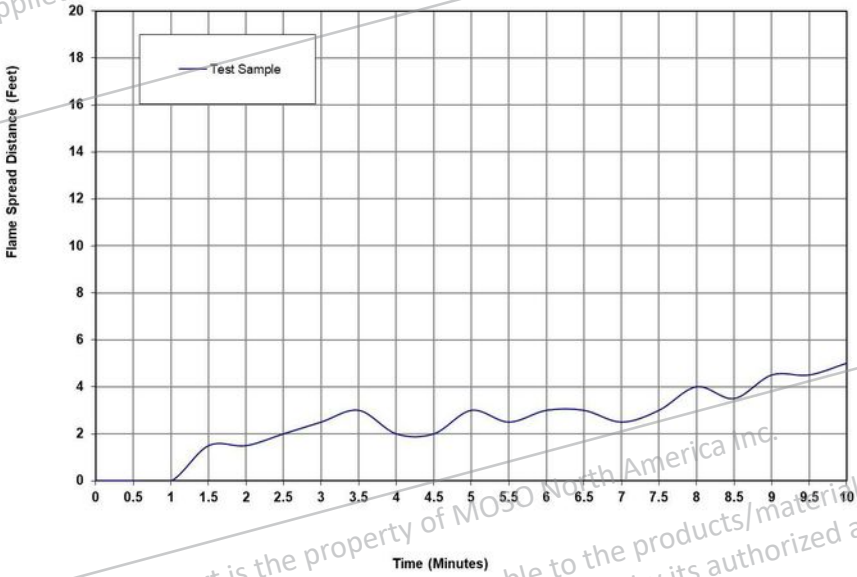

Figure 5. Flame Spread Chart

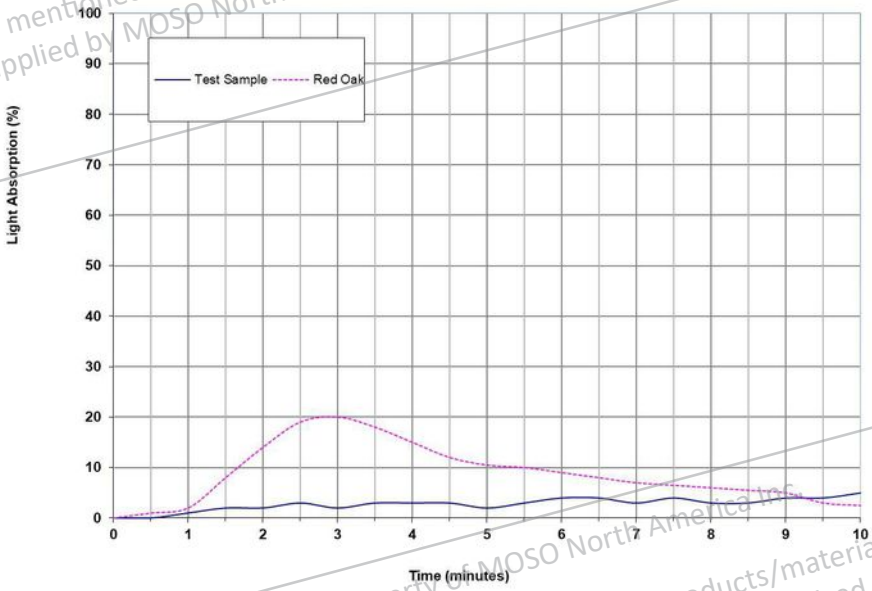

Figure 6. Smoke Developed Chart

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SAMPLE INFORMATION AND PICTURES

Thickness: 20 mm



Sample face



Sample back

Remark:

This test report is issued based on the modification of the original No. SDFS2409006795FF test report issued on Oct.28, 2024. And the original test reports (paper and electronic) are invalid. According to applicant's requirements, following changes are included:

a. Change of sample description.

End of Report

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