

Test Report

No. SDFS2409006794FF

Date: Oct.28, 2024

Page 1 of 6

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

Sample Description : MOSO BAMBOO N-DURANCE 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.

SGS Ref No. : NBIN2409000105CM01
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:25

Summary:

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

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

Ada

Scan to see the report



SDFS2409006794FF

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)°C 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	13.9	30
2	13.1	25
3	13.5	22

Classification:

FSR(Flame Spread Rating) :15

SDC (Smoke Developed Classification):25

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	67	Charring
2	66	Charring
3	62	Charring

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Graphical Results:

Sample 1

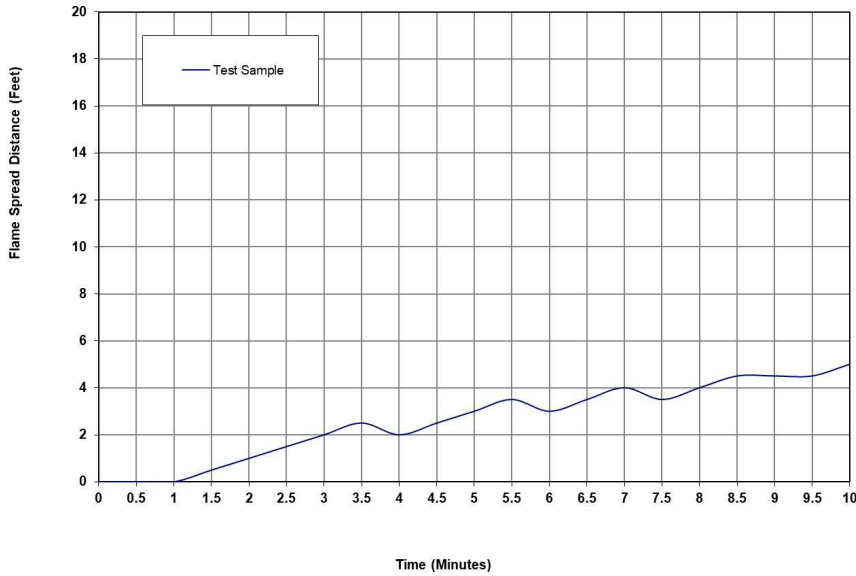


Figure 1. Flame Spread Chart

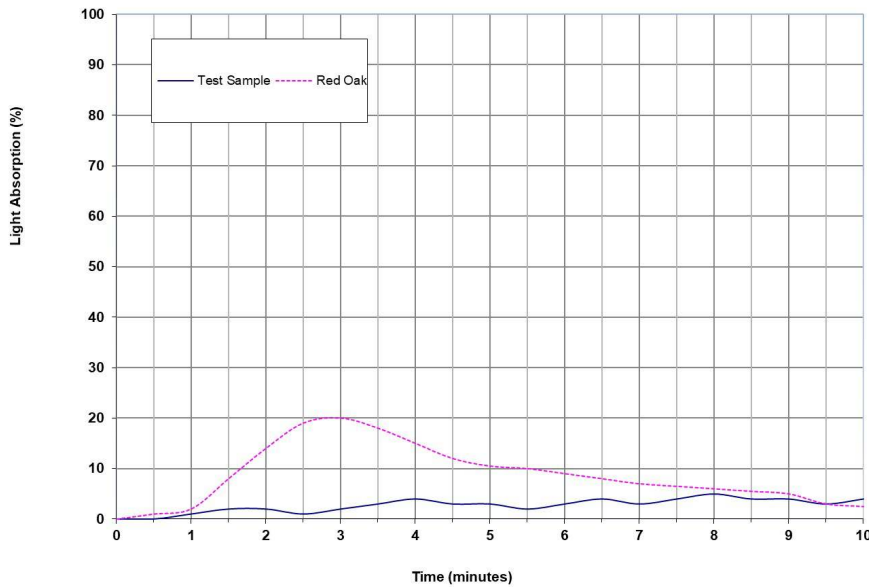


Figure 2. Smoke Developed Chart



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Graphical Results:

Sample 2

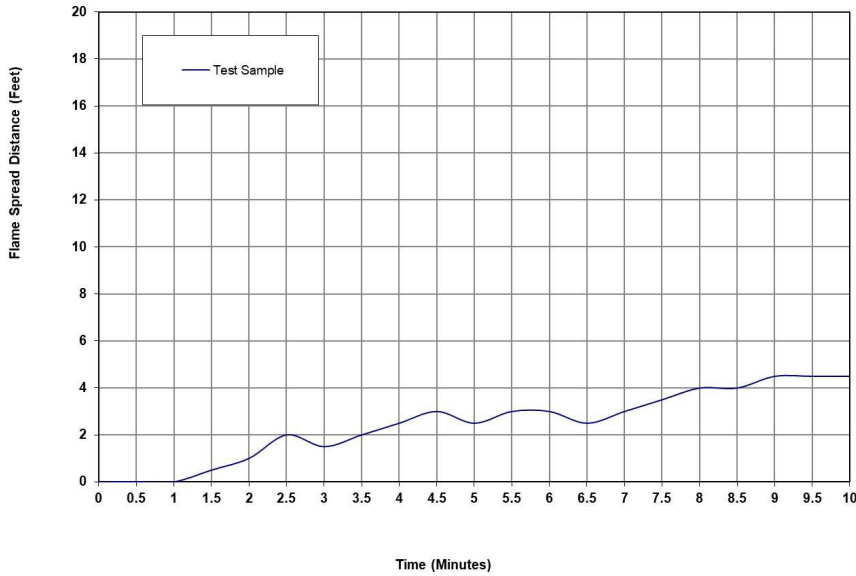


Figure 3. Flame Spread Chart

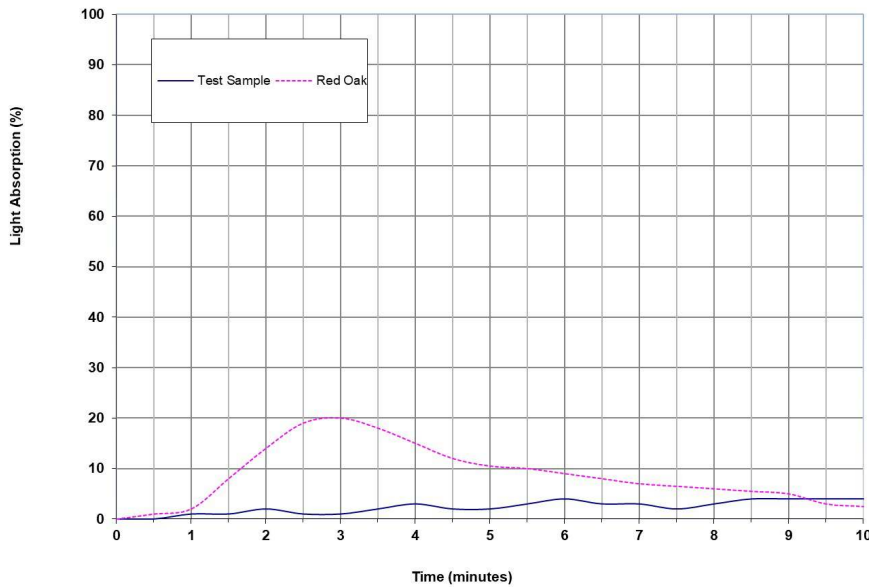


Figure 4. Smoke Developed Chart



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Graphical Results:

Sample 3

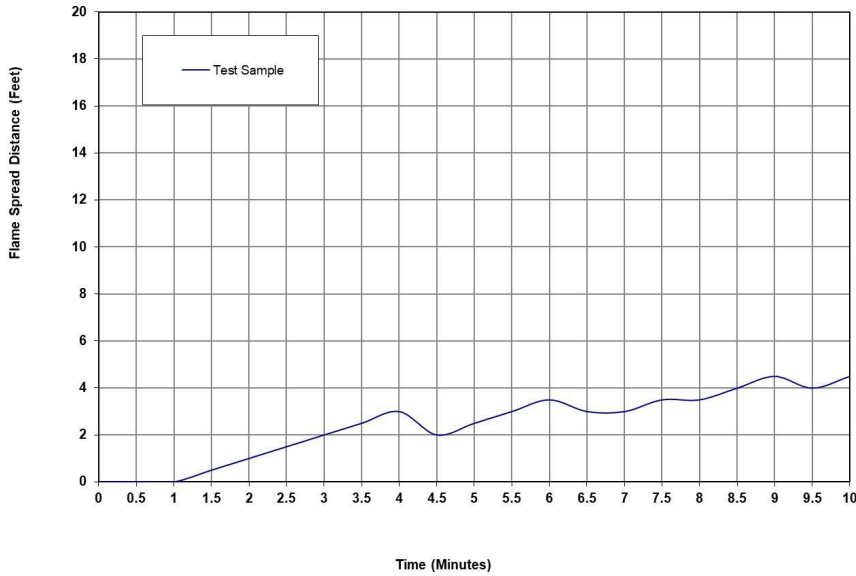


Figure 5. Flame Spread Chart

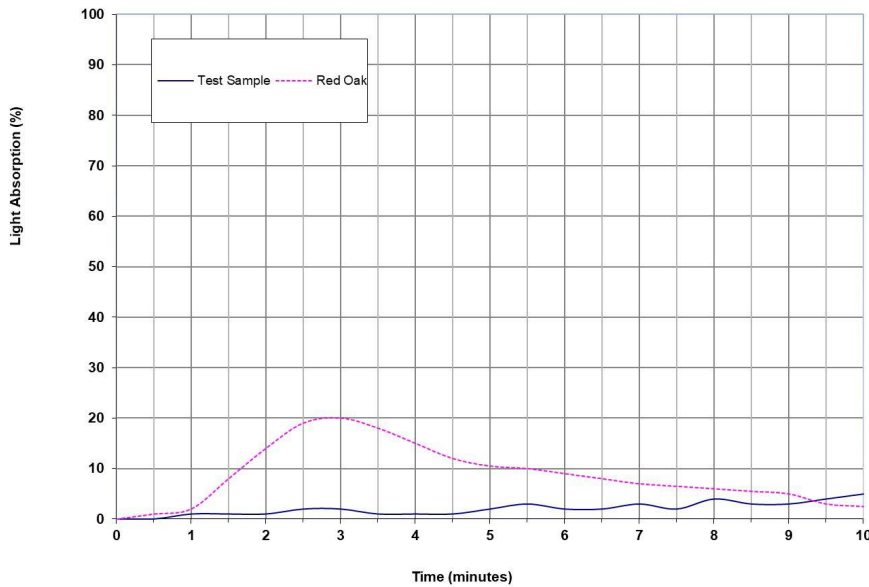


Figure 6. Smoke Developed Chart

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SAMPLE INFORMATION AND PICTURES

Thickness: 20 mm



Sample face



Sample back

End of Report



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