



CLIENT: DASSO USA

6060 Boat Rock Blvd. SW, Suite 800

Atlanta, GA 30336

Project No: 20-2258 Report Date: May 7, 2021

SAMPLE ID: Series: DassoXTR Fused Bamboo Decking

SAMPLE DESCRIPTION: 0.8" and 2.0" thick; See page 4, 12, 20 and 28 for full description.

SAMPLING DETAIL: Test samples were witnessed at the location of manufacture in Xiandai Zhuchanye

Yuanqu, Gaobu Town, Gaobu Town, Zixi Country, Fuzhou City, Jiangxi Province China

by QAI personnel Fey Han on July 31, 2020.

DATE OF RECEIPT: Samples were received at the FTL Miami Laboratory on March 29, 2021

TESTING PERIOD: April 12, 2021 through April 28, 2021

TESTING LOCATION: Fenestration Testing Laboratory (FTL) – Miami, Florida, USA

AUTHORIZATION: Proposal 20JL09183, signed by Avery Chua, dated September 29, 2020.

TEST PROCEDURE: Testing to the following requirements:

 ASTM E330-14 Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure

Difference

TEST RESULTS: The bamboo decking achieved passing results found on pages 4-35 of this test

report when tested in accordance with the ASTM E330.

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Prepared By

Signed for and on behalf of
Fenestration Testing Laboratory

Lusinda Delgado

Lusinda Delgado
Technical Report Writer

Jose Sanchez
Operation Manager



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Technician:

Yoenis Gonzalez



Revision	Description	Effective Date
0	Initial Release	5/7/2021

Notes

- * designates measurements by laboratory
- ** as per manufacturer

Drawings referenced in this document are an integral part of this report, therefore, are required when distributing this test report. Test results obtained represent the actual value of the tested specimens and do not constitute opinion or endorsement by this laboratory.

At conclusion of the below tests, there was no apparent damage to sample or fasteners. Test specimens were covered with 1.5 mil plastic sheeting to seal from air leakage when load test were performed, however this had no effect on above results.

Remarks

Detailed drawings and official test report will be retained by Fenestration Testing Laboratory for a period of five years from the original test date.

This product was tested in accordance with the ASTM E330-14 and meets the requirements of the standard.



DESCRIPTION OF SAMPLE			
Model Designation:	1" x 6" x 0.8" DassoXTR Fused Bamboo Decking Classic Expresso		
	with Hidden Clips		
Overall Size:	8'-0" (96") x 4'-0" (48") wide		
Samples A-1, A-2, A-3 and A-4			

Decking
2x6 yellow pine wood joist spaced 24" on center.

Sample Installation

The bamboo decking was installed to the wood joist using a metallic **Panda Claw hidden clip at each joist location. The hidden clips were fastened to the joist using one No. 7 x 1 3/4" flat head stainless steel wood screw.

Sample: A-1	Temperature:	75.3°F	Barometric Re	eading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test N	egative Load	20.0 psf			
	See Appendix A				
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.025"	None	Passed		

Sample: A-1	l Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	legative Load	40.0 psf		
	_	See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.052"	0.001"	Passed	

Sample: A-1	Temperature:	75.3°F	Barometric Re	eading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	egative Load	60.0 psf		
		See Append	lix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.092"	0.003"	Passed	

Sample: A-1	Temperature:	75.3°F	Barometric Re	eading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test N	egative Load	80.0 psf			
	See Appendix A				
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.136"	0.005"	Passed		



Sample: A-1	Temperature:	75.3°F	Barometric Ro	eading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test N	egative Load	100.0 psf			
	See Appendix A				
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.171"	0.008"	Passed		

Sample: A-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Ti	tle of Test	Pressure	Notes	
Load Test N	egative Load	120.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.219"	0.009"	Passed	

Sample: A-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	egative Load	140.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	n/a	n/a	Failed	Deck panel pulled away from the Panda Clip at 138.0 psf



Sample: A-2	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
•	Title of Test	Pressure	Notes	<u> </u>
Load Test N	egative Load	20.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.021"	None	Passed	
Sample: A-2	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
_	Title of Test	Pressure	Notes	
Load Test N	egative Load	40.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.056"	0.001"	Passed	
,			•	•
Sample: A-2	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Title of Test		Pressure	Notes	
Load Test N	egative Load	60.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.089"	0.002"	Passed	
			•	<u> </u>
Sample: A-2	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Sample: A-2	Temperature: Title of Test	75.3°F Pressure	Barometric Notes	Reading: 30.21 inches Hg
_		Pressure 80.0 psf	Notes	Reading: 30.21 inches Hg
-	Title of Test	Pressure	Notes	Reading: 30.21 inches Hg
-	Title of Test	Pressure 80.0 psf	Notes	Reading: 30.21 inches Hg Add. Info
Load Test N	Title of Test egative Load	Pressure 80.0 psf See Append	Notes dix A	
Load Test N Reading#	Title of Test egative Load Deflection	Pressure 80.0 psf See Append Permanent Set	Notes dix A Results	
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Sample: A-2 Temperature: 75.3°F		Barometric Reading: 30.21 inches Hg		
Title of Test		Pressure	Notes	
Load Test N	egative Load	140.0 psf		
		See Append	lix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	n/a	n/a	Failed	Deck panel pulled away from the Panda Clip at 134.0 psf



Sample: A-3	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg			
	Title of Test	Pressure	Notes			
Load Test No	egative Load	20.0 psf				
		See Appen	dix A			
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	0.039"	None	Passed			
		•		•		
Sample: A-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg		
	Title of Test	Pressure	Notes			
Load Test No	egative Load	40.0 psf				
		See Appen	dix A			
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	0.063"	None	Passed			
,		·	•	•		
Sample: A-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg		
	Title of Test	Pressure	Notes			
Load Test No	egative Load	60.0 psf				
		See Appen	dix A			
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	0.104"	0.002"	Passed			
Sample: A-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg		
	Title of Test	75.3°F Pressure	Barometric Notes	Reading: 30.21 inches Hg		
		Pressure 80.0 psf	Notes	Reading: 30.21 inches Hg		
	Title of Test	Pressure	Notes	Reading: 30.21 inches Hg		
	Title of Test	Pressure 80.0 psf	Notes	Reading: 30.21 inches Hg Add. Info		
Load Test N	Title of Test legative Load	Pressure 80.0 psf See Append	Notes dix A			
Load Test N	Title of Test legative Load Deflection	Pressure 80.0 psf See Append Permanent Set	Notes dix A Results			
Load Test N Reading# 1 Sample: A-3	Title of Test legative Load Deflection 0.139" Temperature:	Pressure 80.0 psf See Append Permanent Set	Notes dix A Results Passed			
Load Test N Reading# 1 Sample: A-3	Title of Test legative Load Deflection 0.139" Temperature: Title of Test	Pressure 80.0 psf See Append Permanent Set 0.005"	Notes dix A Results Passed	Add. Info		
Load Test N Reading# 1 Sample: A-3	Title of Test legative Load Deflection 0.139" Temperature:	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf	Notes dix A Results Passed Barometric Notes	Add. Info		
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Load Test N Reading# 1 Sample: A-3 Load Test N Reading# 1 Sample: A-3	Title of Test legative Load Deflection 0.139" Temperature: Title of Test legative Load Deflection 0.175"	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.009"	Notes dix A Results Passed Barometric Notes dix A Results Passed	Add. Info Reading: 30.21 inches Hg Add. Info		
Load Test N Reading# 1 Sample: A-3 Load Test N Reading# 1 Sample: A-3 Tit	Title of Test legative Load Deflection 0.139" Temperature: Title of Test legative Load Deflection 0.175" Temperature:	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.009"	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric	Add. Info Reading: 30.21 inches Hg Add. Info		
Load Test N Reading# 1 Sample: A-3 Load Test N Reading# 1 Sample: A-3 Tit	Title of Test legative Load Deflection 0.139" Temperature: Title of Test legative Load Deflection 0.175" Temperature:	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.009" 75.3°F Pressure	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Add. Info Reading: 30.21 inches Hg Add. Info		
Load Test N Reading# 1 Sample: A-3 Load Test N Reading# 1 Sample: A-3 Tit Load Test N	Title of Test legative Load Deflection 0.139" Temperature: Title of Test legative Load Deflection 0.175" Temperature:	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.009" 75.3°F Pressure 120.0 psf	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Add. Info Reading: 30.21 inches Hg Add. Info		
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Sample: A-3	Sample: A-3 Temperature: 75.3°F		Barometric Reading: 30.21 inches Hg			
Title of Test Pressure		Pressure	Notes			
Load Test N	Negative Load	140.0 psf				
	See Appendix A					
Reading# Deflection Permanent Set Results Add. Info						
1	0.292"	0.014"	Passed			

Sample: A-3 Temperature:		75.3°F	Barometric Reading: 30.21 inches Hg	
7	Title of Test Pressure		Notes	
Load Test I	Negative Load	160.0 psf		
	See Appendix A			
Reading#	Deflection	Permanent Set	Results	Add. Info
1	n/a	n/a	Failed	Deck panel pulled away from the Panda Clip at 142.0 psf



Sample: A-4	Temperature:	75.3°F	Barometric	Barometric Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test F	Positive Load	20.0 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.032"	0.001"	Passed		
Sample: A-4	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test P	Positive Load	40.0 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.055"	0.002"	Passed		
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test F	Positive Load	60.0 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.074"	0.003"	Passed		
		<u></u>			
Sample: A-4	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg		
•	Title of Test	Pressure	Notes		
Load Test F	ositive Load	80.0 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.086"	0.003"	Passed		
Sample: A-4	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg		
	Title of Test	Pressure	Notes		
Load Test F	Positive Load	100.0 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.122"	0.005"	Passed		
		<u></u>			
Sample: A-4	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg	
	tle of Test	Pressure	Notes	-	
	Positive Load	120.0 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.161"	0.006"	Passed		
-		1		I	

Barometric Reading: 30.21 inches Hg

Add. Info



Sample: A-4 Temperature:

Reading#

Deflection

0.179"

Titl	le of Test	Pressure	Notes	
Load Test Positive Load		140.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.169"	0.007"	Passed	
		•	•	•
Sample: A-4	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Titl	le of Test	Pressure	Notes	
Load Test Po	ositive Load	160.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.173"	0.007"	Passed	
Sample: A-4	Sample: A-4 Temperature: 75.3°F Barometric		Barometric	Reading: 30.21 inches Hg
Title of Test		Pressure	Notes	
Load Test Positive Load		180.0 psf		
		See Appen	dix A	

75.3°F

Sample: A-4 Temperature: 75.3°F			Barometric	Barometric Reading: 30.21 inches Hg		
Title of Test Pressure		Pressure	Notes			
Load Test Positive Load 200.0 psf						
	See Appendix A					
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	0.186"	0.009"	Passed			

Results

Passed

Permanent Set

0.008"

Sample: A-4	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg			
Title of Test F		Pressure	Notes			
Load Test P	ositive Load	220.0 psf				
	See Appendix A					
Reading# Deflection Permanent Set Results Add. Info						
1	0.193"	0.011"	Passed			



DESCRIPTION OF SAMPLE				
Model Designation:	1" x 6" x 2.0" DassoXTR Fused Bamboo Decking Classic Expresso			
	with Face Fasteners			
Overall Size:	8'-0" (96") x 4'-0" (48") wide			
Samples B-1, B-2, B-3 and B-4				

Decking
2x6 yellow pine wood joist spaced 24" on center.

Sample Installation

The bamboo decking was installed to the wood joist using two No. 10 x 3 1/2" pan head stainless steel sheet metal screws at each joist location, 2" from the butt end.

Sample: B-1	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg			
Title of Test Pressure		Notes				
Load Test N	legative Load	28.75 psf				
		See Append	ix A			
	· ·					
Reading# Deflection Permanent Set Results Add. Info						
1	0.031"	None	Passed			

Sample: B-1	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg		
Title of Test Pressure		Notes			
Load Test N	legative Load	57.5 psf			
		See Append	ix A		
Reading#	Reading# Deflection Permanent Set Results Add. Info				
1	0.059"	0.001"	Passed		

Sample: B-1	Temperature:	75.3°F	Barometric Re	eading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	legative Load	86.25 psf		
	_	See Append	lix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.069"	0.002"	Passed	

Sample: B-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	legative Load	115.0 psf		
		See Append	A xib	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.096"	0.002"	Passed	



Sample: B-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	Negative Load	143.75 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.115"	0.003"	Passed	

Sample: B-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Ti	tle of Test	Pressure	Notes	
Load Test N	legative Load	172.5 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.165"	0.005"	Passed	

Sample: B-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Tit	tle of Test	Pressure	Notes	
Load Test N	legative Load	201.25 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.179"	0.008"	Passed	

Sample: B-1	Temperature:	75.3°F Barometric Reading: 30.21 inches Hg		
Ti	tle of Test	Pressure	Notes	
Load Test N	legative Load	230.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	n/a	n/a	Failed	Deck panel fastener pulled away from the joist at 221.0 psf



Sample: B-2	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	legative Load	28.75 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.051"	0.001"	Passed	
	Temperature:	75.3°F		Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	legative Load	57.5 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.073"	0.002"	Passed	
	Temperature:	75.3°F		Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	legative Load	86.25 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.082"	0.003"	Passed	
Sample: B-2 Temperature: 75.3°F				
Sample: B-2	Temperature:			Reading: 30.21 inches Hg
_	Title of Test	Pressure	Barometric Notes	Reading: 30.21 inches Hg
	Temperature: Title of Test legative Load	Pressure 115.0 psf	Notes	Reading: 30.21 inches Hg
_	Title of Test	Pressure	Notes	Reading: 30.21 inches Hg
_	Title of Test legative Load Deflection	Pressure 115.0 psf	Notes	Reading: 30.21 inches Hg Add. Info
Load Test N	Title of Test legative Load	Pressure 115.0 psf See Appen	Notes dix A	
Load Test N	Title of Test legative Load Deflection	Pressure 115.0 psf See Appen Permanent Set 0.003"	Notes dix A Results	
Load Test N Reading# 1 Sample: B-2	Title of Test legative Load Deflection 0.105" Temperature:	Pressure 115.0 psf See Appen Permanent Set	dix A Results Passed	
Load Test N Reading# 1 Sample: B-2	Title of Test legative Load Deflection 0.105" Temperature: Title of Test	Pressure 115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure	dix A Results Passed	Add. Info
Load Test N Reading# 1 Sample: B-2	Title of Test legative Load Deflection 0.105" Temperature:	Pressure 115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf	Notes dix A Results Passed Barometric Notes	Add. Info
Load Test N Reading# 1 Sample: B-2	Title of Test legative Load Deflection 0.105" Temperature: Title of Test	Pressure 115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure	Notes dix A Results Passed Barometric Notes	Add. Info
Load Test N Reading# 1 Sample: B-2	Title of Test legative Load Deflection 0.105" Temperature: Title of Test	Pressure 115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set	Notes dix A Results Passed Barometric Notes	Add. Info
Load Test N Reading# 1 Sample: B-2 Load Test N	Title of Test legative Load Deflection 0.105" Temperature: Title of Test legative Load	Pressure 115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen	Notes dix A Results Passed Barometric Notes dix A	Add. Info Reading: 30.21 inches Hg
Load Test N Reading# 1 Sample: B-2 Load Test N	Title of Test legative Load Deflection 0.105" Temperature: Title of Test legative Load Deflection	Pressure 115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set	Notes dix A Results Passed Barometric Notes dix A Results	Add. Info Reading: 30.21 inches Hg
Load Test N Reading# 1 Sample: B-2 Load Test N Reading# 1	Title of Test legative Load Deflection 0.105" Temperature: Title of Test legative Load Deflection	Pressure 115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set	Notes dix A Results Passed Barometric Notes dix A Results Passed	Add. Info Reading: 30.21 inches Hg
Load Test N Reading# 1 Sample: B-2 Load Test N Reading# 1 Sample: B-2	Title of Test legative Load Deflection 0.105" Temperature: Title of Test legative Load Deflection 0.139"	Pressure 115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set 0.005"	Notes dix A Results Passed Barometric Notes dix A Results Passed	Add. Info Reading: 30.21 inches Hg Add. Info
Reading# 1 Sample: B-2 Load Test N Reading# 1 Sample: B-2 Tit	Title of Test legative Load Deflection 0.105" Temperature: Title of Test legative Load Deflection 0.139" Temperature:	Pressure	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Add. Info Reading: 30.21 inches Hg Add. Info
Reading# 1 Sample: B-2 Load Test N Reading# 1 Sample: B-2 Tit	Title of Test legative Load Deflection 0.105" Temperature: Title of Test legative Load Deflection 0.139" Temperature:	Pressure 115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set 0.005" 75.3°F Pressure	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Add. Info Reading: 30.21 inches Hg Add. Info
Load Test N Reading# 1 Sample: B-2 Load Test N Reading# 1 Sample: B-2 Tit Load Test N	Title of Test legative Load Deflection 0.105" Temperature: Title of Test legative Load Deflection 0.139" Temperature: tle of Test legative Load	Pressure 115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set 0.005" 75.3°F Pressure 172.5 psf See Appen	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes dix A	Add. Info Reading: 30.21 inches Hg Add. Info Reading: 30.21 inches Hg
Reading# 1 Sample: B-2 Load Test N Reading# 1 Sample: B-2 Tit	Title of Test legative Load Deflection 0.105" Temperature: Title of Test legative Load Deflection 0.139" Temperature:	Pressure	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Add. Info Reading: 30.21 inches Hg Add. Info



Sample: B-2	Temperature:	75.3°F	Barometric R	leading: 30.21 inches Hg
Tit	tle of Test	Pressure	Notes	
Load Test N	legative Load	201.25 psf		
	See Appendix A			
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.196"	0.012"	Passed	

Sample: B-2	Properature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Ti	tle of Test	Pressure	Notes	
Load Test N	legative Load	230.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	n/a	n/a	Failed	Deck panel fastener pulled away from the joist at 228.0 psf



Sample: B-3 Temperature:		75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test		Notes	
Load Test N	legative Load	28.75 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.031"	None	Passed	
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	legative Load	57.5 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.063"	None	Passed	
Sample: B-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	legative Load	86.25 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.081"	0.001"	Passed	
		•	•	
Sample: B-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	legative Load	115.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.090"	0.002"	Passed	
			•	
Sample: B-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
-	Title of Test	Pressure	Notes	
Load Test N	legative Load	143.75 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.109"	0.005"	Passed	
L	L			1
Sample: B-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	tle of Test	Pressure	Notes	y
	legative Load	172.5 psf		
	V =	See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.182"	0.008"	Passed	
				1



Sample: B-3	Temperature:	75.3°F	Barometric Re	eading: 30.21 inches Hg
Tit	tle of Test	Pressure	Notes	
Load Test N	legative Load	201.25 psf		
	See Appendix A			
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.199"	0.013"	Passed	

Sample: B-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Ti	tle of Test	Pressure	Notes	
Load Test N	legative Load	230.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	n/a	n/a	Failed	12 seconds into the test the deck panel fastener pulled



Sample: B-4 Temperature: 75.3°F		75.3°F	Barometric	Reading: 30.21 inches Hg	
		Pressure	Notes		
Load Test P	ositive Load	28.75 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.041"	None	Passed		
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test P	ositive Load	57.5 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.060"	0.001"	Passed		
	Temperature:	75.3°F		Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test P	ositive Load	86.25 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.080"	0.002"	Passed		
		•	•		
Sample: B-4 Temperature: 75.3°F		75.3°F	Barometric Reading: 30.21 inches Hg		
	Title of Test	Pressure	Notes		
Load Test P	ositive Load	115.0 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.072"	0.002"	Passed		
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test P	ositive Load	143.75 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.092"	0.003"	Passed		
		L.		<u>'</u>	
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg	
Sample: B-4	Title of Test Pressure		Notes	J	
	TIE OT I EST				
Tit					
Tit		172.5 psf See Appen	dix A		
Tit Load Test P	ositive Load	172.5 psf See Appen		Add. Info	
Tit		172.5 psf	dix A Results Passed	Add. Info	



Sample: B-4	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg			
Title of Test Pressure Notes						
Load Test P	Load Test Positive Load 201.25 psf					
	See Appendix A					
Reading#	Reading# Deflection Permanent Set Results Add. Info					
1	0.139"	0.005"	Passed			

Sample: B-4	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg		
Title of Test Pressure Notes					
Load Test F	Load Test Positive Load 230.0 psf				
	See Appendix A				
Reading# Deflection Permanent Set Results Add. Info					
1	0.146"	0.008"	Passed		

Sample: B-4	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg			
Title of Test Pressure Notes						
Load Test P	Load Test Positive Load 258.75 psf					
	See Appendix A					
Reading#	Reading# Deflection Permanent Set Results Add. Info					
1	0.159"	0.009"	Passed			

Sample: B-4	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg			
Title of Test Pressure		Pressure	Notes			
Load Test F	Load Test Positive Load 287.5 psf					
	See Appendix A					
Reading#	Reading# Deflection Permanent Set Results Add. Info					
1	0.163"	0.012"	Passed			



DESCRIPTION OF SAMPLE					
Model Designation:	1" x 6" x 0.8" DassoXTR Fused Bamboo Decking Epic Cognac with				
	Hidden Clips				
Overall Size:	8'-0" (96") x 4'-0" (48") wide				
Samples C-1, C-2, C-3 and C-4					

Decking
2x6 yellow pine wood joist spaced 24" on center.

Sample Installation

The bamboo decking was installed to the wood joist using a metallic **Panda Claw hidden clip at each joist location. The hidden clips were fastened to the joist using one No. 7 x 1 3/4" flat head stainless steel wood screw.

Sample: C-1	C-1 Temperature: 75.3°F Barometric Reading: 30.21 inches Hg			leading: 30.21 inches Hg		
Title of Test Pressure		Notes				
Load Test N	Load Test Negative Load 20.0 psf					
	See Appendix A					
Reading#	Reading# Deflection Permanent Set Results Add. Info					
1	0.039"	None	Passed			

Sample: C-1	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg		
Title of Test Pressure Notes					
Load Test Negative Load 40.0 psf					
See Appendix A					
Reading# Deflection Permanent Set Results Add. Info					
1	0.063"	0.001"	Passed		

Sample: C-1	C-1 Temperature: 75.3°F Barometric Reading: 30.21 inches Hg			Reading: 30.21 inches Hg		
Title of Test Pressure Notes						
Load Test N	Load Test Negative Load 60.0 psf					
	See Appendix A					
Reading# Deflection Permanent Set Results Add. Info						
1	0.096"	0.002"	Passed			

Sample: C-1	Sample: C-1 Temperature: 75.3°F Barometric Reading: 30.21 inches Hg			Reading: 30.21 inches Hg		
	Title of Test Pressure Notes					
Load Test	Load Test Negative Load 80.0 psf					
	See Appendix A					
Reading#	Reading# Deflection Permanent Set Results Add. Info					
1	0.122"	0.003"	Passed			



Sample: C-1	l Temperature:	75.3°F Barometric Reading: 30.21 inches Hg				
	Title of Test Pressure Notes					
Load Test	Load Test Negative Load 100.0 psf					
See Appendix A						
Reading#	Reading# Deflection Permanent Set Results Add. Info					
1	0.141"	0.005"	Passed			

Sample: C-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Tit	le of Test	Pressure	Notes	
Load Test N	Negative Load	120.0 psf		
		See Append	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.205"	0.006"	Passed	

Sample: C-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Ti	tle of Test	Pressure	Notes	
Load Test I	Negative Load	140.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	n/a	n/a	Failed	Deck panel pulled away from the Panda Clip at 131.0 psf



Sample: C-2	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
_	Title of Test	Pressure	Notes	
Load Test I	Negative Load	20.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.031"	None	Passed	
				•
Sample: C-2	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
_	Title of Test	Pressure	Notes	
Load Test I	Negative Load	40.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.059"	0.001"	Passed	
		•	•	•
Sample: C-2	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
•	Title of Test	Pressure	Notes	
Load Test I	Negative Load	60.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.093"	0.002"	Passed	
		•		•
Sample: C-2	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Sample: C-2	Temperature: Title of Test	75.3°F Pressure	Barometric Notes	Reading: 30.21 inches Hg
	Temperature: Title of Test Negative Load	Pressure 80.0 psf	Notes	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	Reading: 30.21 inches Hg
	Title of Test	Pressure 80.0 psf	Notes	Reading: 30.21 inches Hg Add. Info
Load Test I	Title of Test Negative Load	Pressure 80.0 psf See Append	Notes dix A	
Load Test I	Title of Test Negative Load Deflection	Pressure 80.0 psf See Append Permanent Set	Notes dix A Results	
Load Test I Reading#	Title of Test Negative Load Deflection 0.130" Temperature:	Pressure 80.0 psf See Append Permanent Set	Notes dix A Results Passed	
Load Test I Reading# 1 Sample: C-2	Title of Test Negative Load Deflection 0.130" Temperature: Title of Test	Pressure 80.0 psf See Append Permanent Set 0.005"	Notes dix A Results Passed	Add. Info
Load Test I Reading# 1 Sample: C-2	Title of Test Negative Load Deflection 0.130" Temperature:	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf	Notes dix A Results Passed Barometric Notes	Add. Info
Load Test I Reading# 1 Sample: C-2	Title of Test Negative Load Deflection 0.130" Temperature: Title of Test	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure	Notes dix A Results Passed Barometric Notes	Add. Info
Load Test I Reading# 1 Sample: C-2	Title of Test Negative Load Deflection 0.130" Temperature: Title of Test	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf	Notes dix A Results Passed Barometric Notes	Add. Info
Load Test I Reading# 1 Sample: C-2 Load Test I	Title of Test Negative Load Deflection 0.130" Temperature: Title of Test Negative Load	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf See Append	Notes dix A Results Passed Barometric Notes dix A	Add. Info Reading: 30.21 inches Hg
Load Test I Reading# 1 Sample: C-2 Load Test I Reading#	Title of Test Negative Load Deflection 0.130" Temperature: Title of Test Negative Load Deflection	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf See Append Permanent Set	Notes dix A Results Passed Barometric Notes dix A Results	Add. Info Reading: 30.21 inches Hg
Load Test I Reading# 1 Sample: C-2 Load Test I Reading# 1	Title of Test Negative Load Deflection 0.130" Temperature: Title of Test Negative Load Deflection 0.162"	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf See Append Permanent Set	Notes dix A Results Passed Barometric Notes dix A Results Passed	Add. Info Reading: 30.21 inches Hg Add. Info
Load Test I Reading# 1 Sample: C-2 Load Test I Reading# 1 Sample: C-2	Title of Test Negative Load Deflection 0.130" Temperature: Title of Test Negative Load Deflection	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.005"	Notes dix A Results Passed Barometric Notes dix A Results Passed	Add. Info Reading: 30.21 inches Hg
Load Test I Reading# 1 Sample: C-2 Load Test I Reading# 1 Sample: C-2 Tit	Title of Test Negative Load Deflection 0.130" Temperature: Title of Test Negative Load Deflection 0.162" Temperature:	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.005"	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric	Add. Info Reading: 30.21 inches Hg Add. Info
Load Test I Reading# 1 Sample: C-2 Load Test I Reading# 1 Sample: C-2 Tit	Title of Test Negative Load Deflection 0.130" Temperature: Title of Test Negative Load Deflection 0.162" Temperature: tile of Test	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 75.3°F Pressure	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Add. Info Reading: 30.21 inches Hg Add. Info
Load Test I Reading# 1 Sample: C-2 Load Test I Reading# 1 Sample: C-2 Tit Load Test	Title of Test Negative Load Deflection 0.130" Temperature: Title of Test Negative Load Deflection 0.162" Temperature: tile of Test	Pressure 80.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.005" 75.3°F Pressure 120.0 psf See Append	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Add. Info Reading: 30.21 inches Hg Add. Info Reading: 30.21 inches Hg
Load Test I Reading# 1 Sample: C-2 Load Test I Reading# 1 Sample: C-2 Tit	Title of Test Negative Load Deflection 0.130" Temperature: Title of Test Negative Load Deflection 0.162" Temperature: tle of Test Negative Load	Pressure 80.0 psf See Append	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes dix A	Add. Info Reading: 30.21 inches Hg Add. Info



Sample: C-2	Temperature:	75.3°F	Barometric F	Reading: 30.21 inches Hg
Tit	tle of Test	Pressure	Notes	
Load Tes	st Negative Load	140.0 psf		
		See Append	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	n/a	n/a	Failed	Deck panel pulled away from
				the Panda Clip at 139.0 psf



Sample: C-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Tes	t Negative Load	20.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.029"	None	Passed	
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Tes	t Negative Load	40.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.049"	None	Passed	
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Tes	t Negative Load	60.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.082"	0.002"	Passed	
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Tes	t Negative Load	80.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.142"	0.007"	Passed	
Sample: C-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Tes	t Negative Load	100.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.153"	0.009"	Passed	
				•
Sample: C-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	tle of Test	Pressure	Notes	
Load Tes	st Negative Load	120.0 psf		
		See Appen	dix A	
1	T = -	Dormonant Cat	Dogulto	Add Info
Reading#	Deflection	Permanent Set	Results	Auu. IIIIO
Reading#	Deflection 0.255"	Permanent Set 0.012"	Results Passed	Add. Info



Sample: C-3	Temperature:	75.3°F	Barometric R	eading: 30.21 inches Hg
Tit	tle of Test	Pressure	Notes	
Load Tes	st Negative Load	140.0 psf		
		See Append	ix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	n/a	n/a	Failed	Deck panel pulled away from
				the Panda Clip at 139.0 psf



Sample: C-4	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	<u> </u>
Load Test	Positive Load	20.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.021"	None	Passed	
				·
Sample: C-4	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
_	Title of Test	Pressure	Notes	
Load Test	Positive Load	40.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.039"	None	Passed	
,		-	•	•
Sample: C-4	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
_	Title of Test	Pressure	Notes	
Load Test	Positive Load	60.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.063"	None	Passed	
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
_	Title of Test	75.3°F Pressure	Barometric Notes	Reading: 30.21 inches Hg
_		Pressure 80.0 psf	Notes	Reading: 30.21 inches Hg
_	Title of Test	Pressure	Notes	Reading: 30.21 inches Hg
_	Title of Test	Pressure 80.0 psf	Notes	Reading: 30.21 inches Hg Add. Info
Load Test	Title of Test Positive Load	Pressure 80.0 psf See Append	Notes dix A	
Load Test Reading#	Title of Test Positive Load Deflection	Pressure 80.0 psf See Append Permanent Set	Notes dix A Results	
Load Test Reading#	Title of Test Positive Load Deflection 0.094" Temperature:	Pressure 80.0 psf See Append Permanent Set 0.002"	Notes dix A Results Passed	
Load Test Reading# 1 Sample: C-4	Title of Test Positive Load Deflection 0.094" Temperature: Title of Test	Pressure 80.0 psf See Append Permanent Set 0.002"	Notes dix A Results Passed	Add. Info
Load Test Reading# 1 Sample: C-4	Title of Test Positive Load Deflection 0.094" Temperature:	Pressure 80.0 psf See Append Permanent Set 0.002" 75.3°F Pressure 100.0 psf	Notes dix A Results Passed Barometric Notes	Add. Info
Load Test Reading# 1 Sample: C-4	Title of Test Positive Load Deflection 0.094" Temperature: Title of Test	Pressure 80.0 psf See Append Permanent Set 0.002" 75.3°F Pressure	Notes dix A Results Passed Barometric Notes	Add. Info
Load Test Reading# 1 Sample: C-4	Title of Test Positive Load Deflection 0.094" Temperature: Title of Test	Pressure 80.0 psf See Append Permanent Set 0.002" 75.3°F Pressure 100.0 psf	Notes dix A Results Passed Barometric Notes	Add. Info
Load Test Reading# 1 Sample: C-4 Load Test	Title of Test Positive Load Deflection 0.094" Temperature: Title of Test Positive Load	Pressure 80.0 psf See Append Permanent Set 0.002" 75.3°F Pressure 100.0 psf See Append	Notes dix A Results Passed Barometric Notes dix A	Add. Info Reading: 30.21 inches Hg
Load Test Reading# 1 Sample: C-4 Load Test Reading#	Title of Test Positive Load Deflection 0.094" Temperature: Title of Test Positive Load Deflection	Pressure 80.0 psf See Append Permanent Set 0.002" 75.3°F Pressure 100.0 psf See Append Permanent Set	Notes dix A Results Passed Barometric Notes dix A Results	Add. Info Reading: 30.21 inches Hg
Load Test Reading# 1 Sample: C-4 Load Test Reading# 1	Title of Test Positive Load Deflection 0.094" Temperature: Title of Test Positive Load Deflection 0.116"	Pressure 80.0 psf See Append Permanent Set 0.002" 75.3°F Pressure 100.0 psf See Append Permanent Set	Notes dix A Results Passed Barometric Notes dix A Results Passed	Add. Info Reading: 30.21 inches Hg
Load Test Reading# 1 Sample: C-4 Load Test Reading# 1 Sample: C-4	Title of Test Positive Load Deflection 0.094" Temperature: Title of Test Positive Load Deflection	Pressure 80.0 psf See Append Permanent Set 0.002" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.004"	Notes dix A Results Passed Barometric Notes dix A Results Passed	Add. Info Reading: 30.21 inches Hg Add. Info
Load Test Reading# 1 Sample: C-4 Load Test Reading# 1 Sample: C-4 Ti	Title of Test Positive Load Deflection 0.094" Temperature: Title of Test Positive Load Deflection 0.116" Temperature:	Pressure 80.0 psf See Append Permanent Set 0.002" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.004"	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric	Add. Info Reading: 30.21 inches Hg Add. Info
Load Test Reading# 1 Sample: C-4 Load Test Reading# 1 Sample: C-4 Ti	Title of Test Positive Load Deflection 0.094" Temperature: Title of Test Positive Load Deflection 0.116" Temperature: tle of Test	Pressure 80.0 psf See Append Permanent Set 0.002" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.004" 75.3°F Pressure	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Add. Info Reading: 30.21 inches Hg Add. Info
Load Test Reading# 1 Sample: C-4 Load Test Reading# 1 Sample: C-4 Title Load Test	Title of Test Positive Load Deflection 0.094" Temperature: Title of Test Positive Load Deflection 0.116" Temperature: tle of Test	Pressure 80.0 psf See Append Permanent Set 0.002" 75.3°F Pressure 100.0 psf See Append Permanent Set 0.004" 75.3°F Pressure 120.0 psf See Append	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Add. Info Reading: 30.21 inches Hg Add. Info Reading: 30.21 inches Hg
Load Test Reading# 1 Sample: C-4 Load Test Reading# 1 Sample: C-4 Ti	Title of Test Positive Load Deflection 0.094" Temperature: Title of Test Positive Load Deflection 0.116" Temperature: tle of Test Positive Load	Pressure 80.0 psf See Append	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes dix A	Add. Info Reading: 30.21 inches Hg Add. Info

Barometric Reading: 30.21 inches Hg



Sample: C-4 Temperature:

Tit	le of Test	Pressure	Notes	
Load Test F	Positive Load	140.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.176"	0.009"	Passed	Add. IIII0
	0.170	0.000	1 45564	
Sample: C-4	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Tit	le of Test	Pressure	Notes	
Load Test F	Positive Load	160.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.181"	0.010"	Passed	
Sample: C-4	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Tit	le of Test	Pressure	Notes	
Load Test F	Positive Load	180.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.189"	0.012"	Passed	
			_	
Sample: C-4	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
		_		

75.3°F

Sample: C-4	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Ti	tle of Test	Pressure	Notes	
Load Test	Positive Load	200.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.196"	0.015"	Passed	

Sample: C-4	Temperature:	75.3°F	Barometric R	eading: 30.21 inches Hg
Tit	tle of Test	Pressure	Notes	
Load Test	Positive Load	220.0 psf		
		See Append	lix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.203"	0.016"	Passed	



	DESCRIPTION OF SAMPLE
Model Designation:	1" x 6" x 2" DassoXTR Fused Bamboo Decking Epic Cognac with
	Face Fasteners
Overall Size:	8'-0" (96") x 4'-0" (48") wide
Samples D-1, D-2, D-3 and D-4	

Decking
2x6 yellow pine wood joist spaced 24" on center.

Sample Installation

The bamboo decking was installed to the wood joist using two No. 10 x 3 1/2" pan head stainless steel sheet metal screws at each joist location, 2" from the butt end.

Sample: D-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	legative Load	28.75 psf		
		See Append	A xib	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.032"	None	Passed	

Sample: D-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	Negative Load	57.50 psf		
		See Append	A xib	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.051"	None	Passed	

Sample: D-1	Temperature:	75.3°F	Barometric Re	eading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test N	legative Load	86.25 psf			
	See Appendix A				
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.063"	0.001"	Passed		

Sample: D-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test N	legative Load	115.0 psf			
		See Append	A xib		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.089"	0.002"	Passed		



Sample: D-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
	Title of Test	Pressure	Notes	
Load Test N	Negative Load	143.75 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.089"	0.002"	Passed	

Sample: D-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Tit	tle of Test	Pressure	Notes	
Load Test N	legative Load	172.5 psf		
		See Append	A xib	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.172"	0.007"	Passed	

Sample: D-1	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg
Tit	tle of Test	Pressure	Notes	
Load Test N	legative Load	201.25 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.188"	0.009"	Passed	

Sample: D-1	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg	
Ti	tle of Test	Pressure	Notes	
Load Test N	legative Load	230.0 psf		
		See Append	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	n/a	n/a	Failed	Deck panel fastener pulled away from the joist at 226.0 psf



Sample: D-2	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg		
	Title of Test	Pressure	Notes		
Load Test I	Negative Load	28.75 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.029"	None	Passed		
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test I	Negative Load	57.5 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.053"	None	Passed		
	Temperature:	75.3°F		Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test I	Negative Load	86.25 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.073"	0.001"	Passed		
Sample: D 2	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg		
	Title of Test	Pressure	Notes		
		115.0 psf	Notes		
	Title of Test		Notes		
	Title of Test	115.0 psf	Notes	Add. Info	
Load Test	Title of Test Negative Load	115.0 psf See Appen	Notes dix A	Add. Info	
Load Test Reading#	Title of Test Negative Load Deflection	115.0 psf See Appen Permanent Set 0.003"	Notes dix A Results	Add. Info	
Load Test Reading# 1 Sample: D-2	Title of Test Negative Load Deflection 0.111" Temperature:	115.0 psf See Appen Permanent Set	dix A Results Passed	Add. Info Reading: 30.21 inches Hg	
Load Test Reading# 1 Sample: D-2	Title of Test Negative Load Deflection 0.111" Temperature: Title of Test	Permanent Set 0.003" 75.3°F Pressure	dix A Results Passed		
Load Test Reading# 1 Sample: D-2	Title of Test Negative Load Deflection 0.111" Temperature:	Permanent Set 0.003" 75.3°F Pressure 143.75 psf	Notes dix A Results Passed Barometric Notes		
Load Test Reading# 1 Sample: D-2	Title of Test Negative Load Deflection 0.111" Temperature: Title of Test	Permanent Set 0.003" 75.3°F Pressure	Notes dix A Results Passed Barometric Notes		
Load Test Reading# 1 Sample: D-2	Title of Test Negative Load Deflection 0.111" Temperature: Title of Test	115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set	Notes dix A Results Passed Barometric Notes		
Load Test Reading# 1 Sample: D-2 Load Test	Title of Test Negative Load Deflection 0.111" Temperature: Title of Test Negative Load	Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen	Notes dix A Results Passed Barometric Notes dix A	Reading: 30.21 inches Hg	
Load Test Reading# 1 Sample: D-2 Load Test	Title of Test Negative Load Deflection 0.111" Temperature: Title of Test Negative Load Deflection	115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set	Notes dix A Results Passed Barometric Notes dix A Results	Reading: 30.21 inches Hg	
Load Test Reading# 1 Sample: D-2 Load Test Reading# 1	Title of Test Negative Load Deflection 0.111" Temperature: Title of Test Negative Load Deflection	115.0 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set	Notes dix A Results Passed Barometric Notes dix A Results Passed	Reading: 30.21 inches Hg	
Load Test Reading# 1 Sample: D-2 Load Test Reading# 1 Sample: D-2 Tit	Title of Test Negative Load Deflection 0.111" Temperature: Title of Test Negative Load Deflection 0.162" Temperature:	Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set 0.005"	Notes dix A Results Passed Barometric Notes dix A Results Passed	Reading: 30.21 inches Hg Add. Info	
Load Test Reading# 1 Sample: D-2 Load Test Reading# 1 Sample: D-2 Tit	Title of Test Negative Load Deflection 0.111" Temperature: Title of Test Negative Load Deflection 0.162" Temperature:	115.0 psf	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Reading: 30.21 inches Hg Add. Info	
Load Test Reading# 1 Sample: D-2 Load Test Reading# 1 Sample: D-2 Tit	Title of Test Negative Load Deflection 0.111" Temperature: Title of Test Negative Load Deflection 0.162" Temperature:	Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set 0.005" 75.3°F Pressure	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Reading: 30.21 inches Hg Add. Info	
Load Test Reading# 1 Sample: D-2 Load Test Reading# 1 Sample: D-2 Tit	Title of Test Negative Load Deflection 0.111" Temperature: Title of Test Negative Load Deflection 0.162" Temperature:	115.0 psf	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes dix A	Reading: 30.21 inches Hg Add. Info	
Load Test Reading# 1 Sample: D-2 Load Test Reading# 1 Sample: D-2 Tit Load Test	Title of Test Negative Load Deflection 0.111" Temperature: Title of Test Negative Load Deflection 0.162" Temperature: tle of Test Negative Load	75.3°F Permanent Set 143.75 psf See Appen Permanent Set 0.003" 75.3°F Pressure 143.75 psf See Appen Permanent Set 0.005" 75.3°F Pressure 172.5 psf See Appen	Notes dix A Results Passed Barometric Notes dix A Results Passed Barometric Notes	Reading: 30.21 inches Hg Add. Info Reading: 30.21 inches Hg	



Sample: D-2	Temperature:	75.3°F	Barometric Re	eading: 30.21 inches Hg
Tit	tle of Test	Pressure	Notes	
Load Test	Negative Load	201.25 psf		
See Appendix A				
Reading#	Deflection	Permanent Set	Results	Add. Info
1	0.199"	0.009"	Passed	

Sample: D-2 Temperature:		75.3°F	Barometric	Reading: 30.21 inches Hg
Ti	tle of Test	Pressure	Notes	
Load Test Negative Load 230.0 ps		230.0 psf		
		See Appen	dix A	
Reading#	Deflection	Permanent Set	Results	Add. Info
1	n/a	n/a	Failed	Deck panel fastener pulled away from the joist at 229.0 psf



Sample: D-3	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg		
	Title of Test	Pressure	Notes		
Load Test	Negative Load	28.75 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.025"	None	Passed		
	Temperature:	75.3°F		Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test I	Negative Load	57.5 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.038"	None	Passed		
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test I	Negative Load	86.25 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.058"	None	Passed		
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test	Negative Load	115.0 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.095"	0.003"	Passed		
Sample: D-3	Temperature:	75.3°F		Reading: 30.21 inches Hg	
	Title of Test	Pressure	Notes		
Load Test	Negative Load	143.75 psf			
		See Appen	dix A		
Reading#	Deflection	Permanent Set	Results	Add. Info	
1	0.109"	0.003"	Passed		
Sample: D-3	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg	
	tle of Test	Pressure	Notes		
		172.5 psf			
Load Test	Negative Load	172.5 psi			
Load Test	Negative Load	See Appen	dix A		
		See Appen		Add. Info	
Load Test Reading#	Deflection 0.174"		Results Passed	Add. Info	



Sample: D-3 Temperature: 75.3°F Barometric Reading: 30.21 inches Hg							
Title of Test		Pressure	Notes				
Load Test Negative Load 201.25 psf							
See Appendix A							
Reading#	Reading# Deflection Permanent Set Results Add. Info						
1	0.192"	0.009"	Passed				

Sample: D-3	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg			
Ti	tle of Test	Pressure	Notes			
Load Test	Negative Load	230.0 psf				
		See Appen	dix A			
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	n/a	n/a	Failed	Deck panel fastener pulled away from the joist at 229.0 psf		



Sample: D-4	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg			
	Title of Test	Pressure	Notes			
Load Test	Positive Load	28.75 psf				
		See Appen	dix A			
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	0.019"	None	Passed			
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg		
Title of Test		Pressure	Notes			
Load Test I	Positive Load	57.5 psf				
		See Appen	dix A			
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	0.039"	None	Passed			
	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg		
	Title of Test	Pressure	Notes			
Load Test I	Positive Load	86.25 psf				
		See Appen	dix A			
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	0.053"	None	Passed			
Sample: D-4 Temperature:		75.3°F	Barometric Reading: 30.21 inches Hg			
	Title of Test	Pressure	Notes			
Load Test I	Positive Load	115.0 psf				
		See Appen	dix A			
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	0.083"	0.004"	Passed			
Sample: D-4	Temperature:	75.3°F		Reading: 30.21 inches Hg		
	Title of Test	Pressure	Notes			
Load Test	Positive Load	143.75 psf				
		See Appen	dix A			
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	0.109"	0.006"	Passed			
Sample: D-4	Temperature:	75.3°F	Barometric	Reading: 30.21 inches Hg		
	tle of Test	Pressure	Notes			
Load Test I	Positive Load	172.5 psf				
		See Appen	dix A			
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	0.133"	0.006"	Passed			



Sample: D-4	Temperature:	75.3°F	Barometric Reading: 30.21 inches Hg			
Title of Test		Pressure	Notes			
Load Test F	Positive Load	201.25 psf				
See Appendix A						
Reading# Deflection Permanent Set Results Add. Info						
1	0.142"	0.007"	Passed			

Sample: D-4	Temperature:	75.3°F	eading: 30.21 inches Hg		
Title of Test		Pressure	Notes		
Load Test F	Positive Load	230.0 psf			
See Appendix A					
Reading# Deflection Permanent Set Results Add. Info					
1	0.149"	0.008"	Passed		

Sample: D-4 Temperature: 75.3°F Barometric Reading: 30.21 inches Hg							
Title of Test		Pressure	Notes				
Load Test F	Positive Load	258.75 psf					
See Appendix A							
Reading#	Reading# Deflection Permanent Set Results Add. Info						
1	0.161"	0.011"	Passed				

Sample: D-4 Temperature: 75.3°F Barometric Reading: 30.21 inches Hg						
Tit	tle of Test	Pressure	Notes			
Load Test	Positive Load	287.50 psf				
	See Appendix A					
Reading#	Deflection	Permanent Set	Results	Add. Info		
1	0.169"	0.012"	Passed			





Appendix A

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