



TEST REPORT

No. : TJIN2307000225CM01_EN
Date : 2023-08-02
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CUSTOMER NAME: ChangSha XiangJia Metal Material Trading Co., Ltd
ADDRESS: Room, 1605-1606, Mingcheng International Building, No.46, Renmin East Road, Changsha City, Hunan Province.

Sample Name : LVL Board
Product Specification : 225*38*4000mm
Manufacturer : ADTO

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : 2023-07-21
Testing Period : 2023-07-21 ~ 2023-08-02
Test result(s) : For further details, please refer to the following page(s).
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services (Tianjin) Co., Ltd.

Duke Gai

Duke Gai
Authorized signatory



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Tel: +86-22-5989 8338 1 86-22-5989 8310 Fax: +86-22-5989 8310 E-mail: tianjin@sgsgroup.com

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Deflection at 25psf (Light-duty)	OSHA Regulations (Standard-29 CFR)-1926 Subpart L	1.96mm	Pass
2	Deflection at One-person-250pounds total	OSHA Regulations (Standard-29 CFR)-1926 Subpart L	7.67mm	Pass
3	Supporting at 4*25psf (light-duty)	OSHA Regulations (Standard-29 CFR)-1926 Subpart L	No failure	Pass
4	Supporting at 8*One-person-4*250pounds total	OSHA Regulations (Standard-29 CFR)-1926 Subpart L	No failure	Pass

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
N/A : Not Apply to the judgment.



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1. Test item: Deflection at 25psf (Light-duty)

Test method: OSHA Regulations (Standard-29 CFR)-1926 Subpart L

Sample Description: LVL Board 225*38*4000mm

Test Condition:

Platform rating: Light-duty
Test Span: 1500mm
Test load: 25psf

Test Result:

Test Item	Test Result	Requirement	Conclusion
Deflection at 25psf (Light-duty)	1.96mm	≤25mm ¹⁶⁰⁹	Pass

Note: OSHA Regulations (Standard-29 CFR)-1926.451(f) (16):

Platforms shall not deflect more than 1 / 60 of the span when loaded.

2. Test item: Deflection at One-person-250pounds total

Test method: OSHA Regulations (Standard-29 CFR)-1926 Subpart L

Sample Description: LVL Board 225*38*4000mm

Test Condition:

Platform rating: One-Person
Test Span: 1500mm
Test load: 250pounds

Test Result:

Test Item	Test Result	Requirement	Conclusion
Deflection at One-person-250pounds total	7.67mm	≤25 mm ¹⁶⁰⁹	Pass

Note: OSHA Regulations (Standard-29 CFR)-1926.451(f) (16):

Platforms shall not deflect more than 1 / 60 of the span when loaded.



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3. Test item: Supporting at 4*25psf (light-duty)

Test method: OSHA Regulations (Standard-29 CFR)-1926 Subpart L

Sample Description: LVL Board 225*38*4000mm

Test Condition:

Platform rating: Light-duty
Test Span: 1500mm
Test load: 100psf

Test result:

Test Item	Test Result	Requirement of OSHA	Conclusion
Supporting at 4*25psf (light-duty)	No failure	No failure at least 100psf ¹⁶⁰⁹	Pass

Note: OSHA Regulations (Standard-29 CFR)-1926.451(a) (1):

Each Scaffold and scaffold component shall be capable of supporting, without failure, its own weight and at least 4 times the maximum intended load applied or transmitted to it.



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