

TEST REPORT

No. : SHIN2510002641CM10_EN

Date : 2025-11-10

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SHIN2510002641CM10

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CUSTOMER NAME: ANHUI HAODING METAL PRODUCT LIMITED COMPANY
 ADDRESS: NO.32, GAOXIN ROAD, CHAHE ECONOMIC DEVELOPMENT
 ZONE, LAI'AN, ANHUI PROVINCE, CHINA

Sample Name : STEEL SCAFFOLD PLANK
 Product Specification : 225*38*1.5*3000mm
 Manufacturer : ANHUI HAODING METAL PRODUCT LIMITED COMPANY
 Material : Q195B

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 : 2025-10-10
 Testing Period : 2025-10-10 ~ 2025-11-10
 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 (Shanghai) Co., Ltd..

Ziven Wang
 Authorized signatory



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Summary of Results:

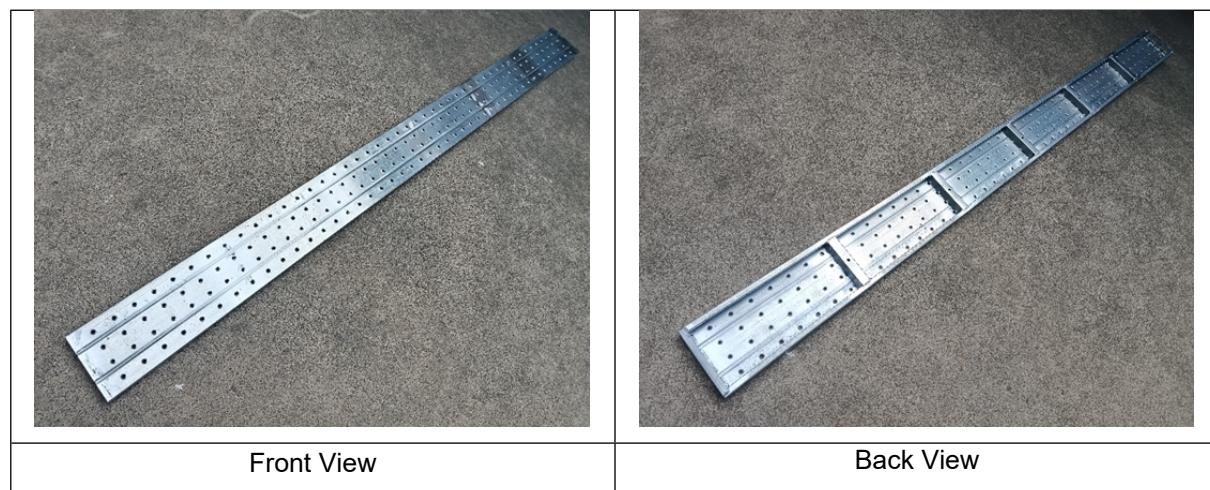
No.	Test Item	Test Method	Result	Conclusion
1	Uniformly Distributed Service Load	EN 12811-1:2003 Clause 6.2.2.2	See Result	Pass
2	Concentrated load on area 200mm × 200mm	EN 12811-1:2003 Clause 6.2.2.3	See Result	Pass
3	Concentrated load on area 500mm × 500mm	EN 12811-1:2003 Clause 6.2.2.3	See Result	Pass

Note: Pass : Meet the requirements;

Fail : Does not meet the requirements;

N/A : Not Apply to the judgment.

Original Specimen Photo(s):



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1. Test Item: Uniformly Distributed Service Load

Test Method: EN 12811-1:2003 Clause 6.2.2.2

Test Condition:

Specimen: 3000mm×225mm×38mm (Length × Width × Height), 1pc

Load class: Class 4

Test load: 3.00kN/m²

Test span: 2000mm (Provided by client)

Test Result:

Test Item	Test Result	Requirement in EN 12811-1:2003 Clause 6.2.2.2	Conclusion
Uniformly Distributed Service Load	The working area could be capable of supporting the uniformly distributed load	The working area shall be capable of supporting the uniformly distributed load	Pass

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2. Test Item: Concentrated load on area 200mm × 200mm

Test Method: EN 12811-1:2003 Clause 6.2.2.3

Test Condition:

Specimen: 3000mm×225mm×38mm (Length × Width × Height), 1pc

Load class: Class 4

Test span: 2000mm

Test load: 1.00kN

Test Result:

Test Item	Test Result	Requirement in EN 12811-1:2003 Clause 6.2.2.3 & 6.3.1	Conclusion
Concentrated load on area 200mm × 200mm	The platform could support the concentrated load on area 200mm × 200mm in the most unfavorable position and the deformation of the platform is 10.90mm.	The platform can support the concentrated load on area 200mm × 200mm in the most unfavorable position and the deformation of platform shall not exceed 1/100 of its span(20.00mm).	Pass

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3. Test Item: Concentrated load on area 500mm × 500mm

Test Method: EN 12811-1:2003 Clause 6.2.2.3

Test Condition:

Specimen: 3000mm×225mm×38mm (Length × Width × Height), 1pc

Load class: Class 4

Test span: 2000mm

Test load: 1.50kN

Test Result:

Test Item	Test Result	Requirement in EN 12811-1:2003 Clause 6.2.2.3 & 6.3.1	Conclusion
Concentrated load on area 500mm × 500mm	The platform could support the concentrated load on area 500mm × 500mm in the most unfavorable position and the deformation of the platform is 15.09mm.	The platform can support the concentrated load on area 500mm × 500mm in the most unfavorable position and the deformation of platform shall not exceed 1/100 of its span(20.00mm).	Pass

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Appendix A - Service Loads on Working Areas

Load Class	Uniformly Distributed Load $q_1(\text{kN/m}^2)$	Concentrated Load on Area 500mm \times 500mm $F_1(\text{kN})$	Concentrated Load on Area 200mm \times 200mm $F_2(\text{kN})$	Partial Area Load	
				$q_2(\text{kN/m}^2)$	Partial Area Factor a_p
1	0.75	1.50	1.00	-	-
2	1.50	1.50	1.00	-	-
3	2.00	1.50	1.00	-	-
4	3.00	3.00	1.00	5.00	0.4
5	4.50	3.00	1.00	7.50	0.4
6	6.00	3.00	1.00	10.00	0.5

The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

Unless otherwise stated, this report provides a declaration of conformity according to whether the test results are within the specified limits or specifications without considering the measurement uncertainty.

*****End of report*****

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