

TEST REPORT

No. : SHCCM140300587

Date : Apr. 14, 2014

Page: 1 of 3

THAI CONST & BUILDING MANUFACTURING PUBLIC COMPANY LIMITED

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The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : STEEL PLANK
 Sample Number : SHCCM140300587
 Test Required : Please see the next page(s)
 Test method : EN 1004:2004
 Product specification : 210MM*45MM*1.2MM*2000MM; 210MM*45MM*1.2MM*3000MM;
 210MM*45MM*1.2MM*4000MM;
 Date of Receipt : Mar. 25, 2014
 Test Period : Mar. 25, 2014 to Apr. 09, 2014
 Test result(s) : For further details, please refer to the following page(s)

***** To be continued*****

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

Vivien Zhang
 Vivien Zhang
 Authorized signatory

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SHCCM 006883

TEST REPORT

No. : SHCCM140300587

Date : Apr. 14, 2014

Page: 2 of 3

Test Conducted: EN 1004:2004 Mobile access and working towers made of prefabricated elements –
Materials, dimensions, design loads, safety and performance requirements

Test Result:

1. Sample specification: 2000mm x 210mm x 45mm x 1.2mm (Length x Width x Height x Thickness)

Test Item	Value of Loads	Deformation(mm)	Client's Requirement(mm)	Conclusion
Uniformly distributed load (Class 2)	1.5kN/m ²	0.32	≤1.25	Pass
Concentrated load	1.0kN	3.49	≤4.8	Pass
Remark	Test span: 1500mm.			

2. Sample specification: 3000mm x 210mm x 45mm x 1.2mm (Length x Width x Height x Thickness)

Test Item	Value of Loads	Deformation(mm)	Client's Requirement(mm)	Conclusion
Uniformly distributed load (Class 2)	1.5kN/m ²	0.54	≤1.35	Pass
Concentrated load	1.0kN	2.85	≤5.52	Pass
Remark	Test span: 1500mm.			

3. Sample specification: 4000mm x 210mm x 45mm x 1.2mm (Length x Width x Height x Thickness)

Test Item	Value of Loads	Deformation(mm)	Client's Requirement(mm)	Conclusion
Uniformly distributed load (Class 2)	1.5kN/m ²	0.88	≤1.65	Pass
Concentrated load	1.0kN	3.96	≤6.61	Pass
Remark	Test span: 1600mm.			

***** To be continued*****

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TEST REPORT

No. : SHCCM140300587

Date : Apr. 14, 2014

Page: 3 of 3

Note:

- 1) The test span is set as per client's requirement.
- 2) EN 1004 does not prescribe the requirements for the items.

Criteria of Classification (according to table 5 of EN 1004:2004):

Uniformly distributed load	Class 2	1.5kN/m ²
Concentrated load	Concentrated on an area of 200mm X 200mm in the most unfavourable position on the platform.	1.0kN
	Concentrated on an area of 500mm X 500mm in the most unfavourable position on the platform. If the width of the decking component is less than 500mm, the load shall not be reduced.	1.5kN

Statement: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Sample Photo:



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

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SHCCM 006885

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