

**TEST REPORT**

No. : SHIN2501000067CM05\_EN

Date : 2025-01-23

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SHIN2501000067CM05  
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CUSTOMER NAME: SUZHOU ANTA SCAFFOLDING ENGINEERING CO., LTD  
ADDRESS: NO. 14, YANGSHAN SCIENCE AND TECHNOLOGY INDUSTRIAL  
PARK, NO. 8 JINYAN ROAD, HIGH-TECH ZONE, SUZHOU, CHINA

Sample Name : CUPLOCK SCAFFOLDING  
Product Specification : 1300mm×48.3mm×3.2mm  
Material : Q235  
Other Information : 1800mm

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 : 2025-01-07  
Testing Period : 2025-01-07 ~ 2025-01-23  
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..

Xander Yang

Authorized signatory



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### Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Concentrated Loads	CSA S269.2-16 Clause 8.3.9.3	See Result	N/A
2	Chemical Composition Analysis	According to BS 1139-1.1:1990	See Result	Pass
3	Coating Thickness Test	ISO 1463:2021	See Result	N/A

Note: Pass : Meet the requirements;

Fail : Does not meet the requirements;

N/A : Not Apply to the judgment.

### Original Sample Photo(s):

	
Concentrated Loads	Chemical Composition Analysis / Coating Thickness Test

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### 1. Test Item: Concentrated Loads

Test Method: CSA S269.2-16 Clause 8.3.9.3

Test Condition:

Specimen:  $\Phi 48.3\text{mm} \times 600\text{mm}$ , 3pcs

Load rate: 4.45kN/min

Test Result:

Test Item	Specimen No.	Maximum Load	4:1 Safety Factor
Concentrated Loads	1	10683lbs	2671lbs
	2	10389lbs	2597lbs
	3	9601lbs	2400lbs

Test Photo(s):



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## 2. Chemical Composition Analysis

Requirement: According to BS 1139-1.1:1990

Element	Test Method	Req. (%)	Result 005 (%)	Con.
C	GB/T 11170-2008	≤0.20	0.17	Pass
Si	GB/T 11170-2008	≤0.30	0.14	Pass
Mn	GB/T 11170-2008	-	0.33	-
P	GB/T 11170-2008	≤0.05	0.029	Pass
S	GB/T 11170-2008	≤0.05	0.025	Pass

## 3. Coating Thickness Test:

Test Method: ISO1463: 2021

Sample/ Test Position	Coating layer	Result (μm)						Req. (μm)	Con.
		1	2	3	4	5	Average		
001	-	72.9	69.6	69.1	67.5	74.6	70.7	-	-

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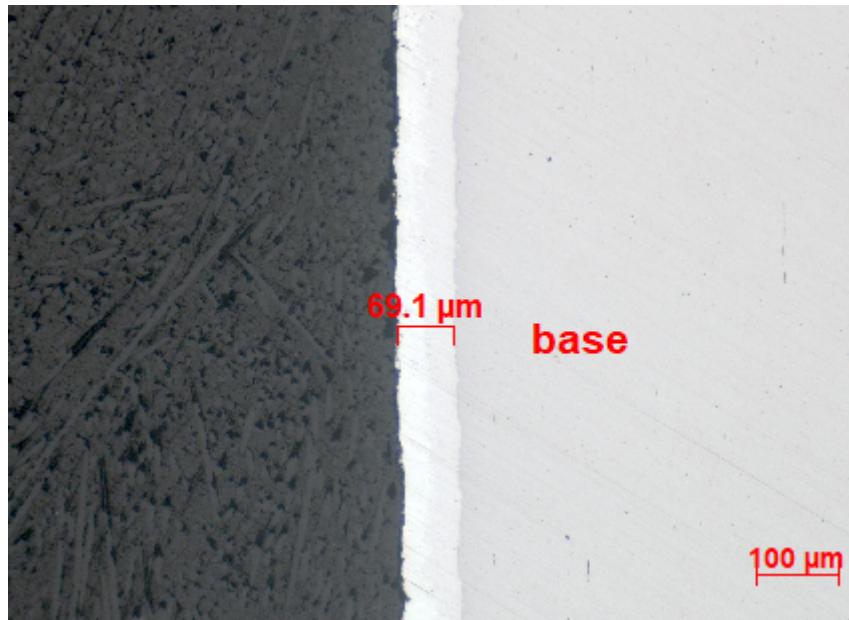


Fig.1 Coating thickness of sample 100x

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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