

No.: SHIN190501191CCM-01

Date: May. 20, 2019

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www.tecon **CUSTOMER NAME:** SUZHOU TECON CONSTRUCTION TECHNOLOGY CO., LTD.

ROOM 1108-1109, BLOCK A, BUILDING 2, LEFO COMMERCIAL ADDRESS:

CENTER, WUZHONG DISTRICT, SUZHOU

This Report supersedes the Report No. SHIN190501191CCM dated: May. 17, 2019 issued by SGS,

original report will be invalid from today.

Sample Name **TMP350**

Product specification 1950-3500mm

Material and Mark Aluminium 6061-T6

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.

Test Required

With reference to EN 1065:1998 and clients' requirement
May. 05, 2019 Test Method N.teconfo

Date of Receipt Testing Start Date May. 05, 2019

Testing End Date May. 16, 2019

For further details, please refer to the following page(s) Test result(s)

(Unless otherwise stated the results shown in this test report refer only to Formwork & Scaffolding En

the sample(s) tested)

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

www.teconform.com

Joyce Li

Authorized signatory



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Summary of Result(s):

No.	Test item	Test Method	Test Result	Conclusion
1	Failure Load Test 1	With reference to EN 1065:1998 and clients' requirement	See Result	1
2	Failure Load Test 2	With reference to EN 1065:1998 and clients' requirement	See Result	N/A

Note: Pass : Meet the requirements;

Fail: Does not meet the requirements;

/: Not Apply to the judgment.

Original Sample Photo(s):





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www.tecor 1. Test item: Failure Load Test 1

Test method: With reference to EN 1065:1998 and clients' requirement

Test condition:

Inner tube: 86.76mm × 86.76mm Outer tube: 100.50mm × 100.50mm Adjust height: 1955mm~3519mm

Unit weight: 18.63kg, 1pc

Test procedure:

- 1) Place the aluminium prop on a steel plate with the inclined angle 1°, the prop shall be assembled to be tested at the height specified by client.
- 2) Apply an axial compression test load via a steel ball at the head of the prop with an eccentricity of
- 3) The load shall be increased until the plastic deformation occurs or the test load cannot be ail. increased usefully.
- 4) Record the failure load and the failure mode.

Test result:





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WWW.tecor Test photos:





In test After test







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2. Test item: Failure Load Test 2

Test method: With reference to EN 1065:1998 and clients' requirement

Test condition:

Inner tube: 86.76mm × 86.76mm Outer tube: 100.50mm × 100.50mm Adjust height: 1955mm~3519mm

Unit weight: 18.63kg, 1pc

Test procedure:

- 1) Place the aluminium prop on a steel plate with the inclined angle 1°, the prop shall be assembled to be tested at each height specified by client(See Table 1).
- 2) Apply an axial compression test load via a steel ball at the head of the prop with an eccentricity of 10mm.
- 3) The load shall be increased until it reached to the values specified by the client (See Table 1), record the load and sample status at each height.
- 4) Continue to increase the load until plastic deformation occurs or the test load cannot be increased usefully at the height of 2.8m, record the failure load and the failure mode.

Table 1 Test sequence

Test sequence	Test height (m)	Test load (kN)
	1.95	176 8 Scatton
2 incering	2.0	176
ccaffolding 3	2.2	154
4	2.4	136
5	2.6	122
6	2.8	114
7	2.8	Failure load



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TEST REPORT www.teconi

Test result:

ample No.	Test height (m)	Test load (kN)	Test result	
	1.95	176	The sample was intact.	
	2.0	176	The sample was intact.	
(3)	2.2	ring 154	The sample was intact.	
2	2.4	136	The sample was intact.	
	ork ⁸ 2.6	122	The sample was intact.	
Form	2.8	114	The sample was intact.	
	2.8	COLU	When the load reached 161.4kN inner tube was bent.	







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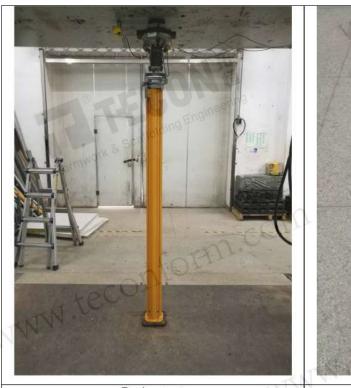


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www.tecor Test photos:



After test

During test

End of report*******





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