

TEST REPORT

No. : XMIN2401000036PL04_EN

Date : 2025-01-18

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CUSTOMER NAME: STORMWATER MANAGEMENT CO., LTD
ADDRESS: CHANCHA AVENUE, ZIJIN COUNTY, HEYUAN, GUANGDONG,
CHINA

Sample Name : STORMWATER TANK MODULES
Product Specification : 1000*500*500mm
Manufacturer : STORMWATER MANAGEMENT CO., LTD
Material : PP

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 : 2025-01-09
Testing Period : 2025-01-09 ~ 2027-01-18
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 Co.,Ltd. Xiamen Branch.



Jude Zhao
Authorized signatory



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SGS-CSTC Standards Technical Services Co., Ltd.
Xiamen Branch Testing Centre Materials Laboratory

No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101

t (86-592) 5761588 www.sgsgroup.com.cn
t (86-592) 5761588 sgs.china@sgs.com

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Witness test-compression test	Client's requirement	See result	Pass

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

Original Sample Photo:



Sample A

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Witness test Item: Witness test-compression test

Witness location: LABORATORY OF STORMWATER MANAGEMENT CO., LTD,
CHANCHA AVENUE, ZIJIN COUNTY, HEYUAN, GUANGDONG, CHINA

Witness time: Jan 10, 2024: 09:30 ~ 11:00

Witness tester: Mosen Xu

Sample description: See photo

Test Condition:

1. Measure the size of the complete sample.
2. Calculate the contact area S.
3. Place the tested sample on the test equipment.
4. Start the test and record the force value F when the sample is damaged.
5. Remove the load test sample.
6. Calculate the ultimate compressive strength: $\sigma = F/S$

Test Result:

Sample A	Sample size	Item	Result	Requirement	Conclusion
Top longitudinal load test	1000mm× 500mm× 500mm (Long × Wide × Height)	Force value F at sample failure	234.2616KN	Force value during sample failure, Top longitudinal load test: $F \geq 234\text{KN}$	Pass
		Sample contact area S	0.5m²		
		Ultimate compressive strength σ	468.5232KN/m²		
Lateral load test		Force value F at sample failure	60.9628KN	Lateral load test: $F \geq 60\text{KN}$	Pass
		Sample contact area S	0.5m²		
		Ultimate compressive strength σ	121.9256KN/m²		



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SGS-CSTC Inspection & Testing Services Co., Ltd.
Xiamen Branch Testing Service Materials Laboratory

No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101

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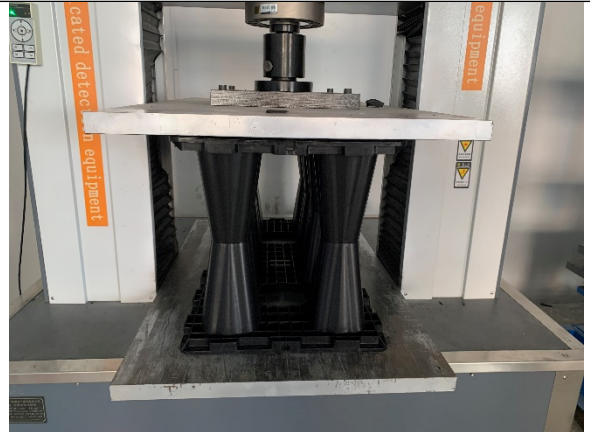
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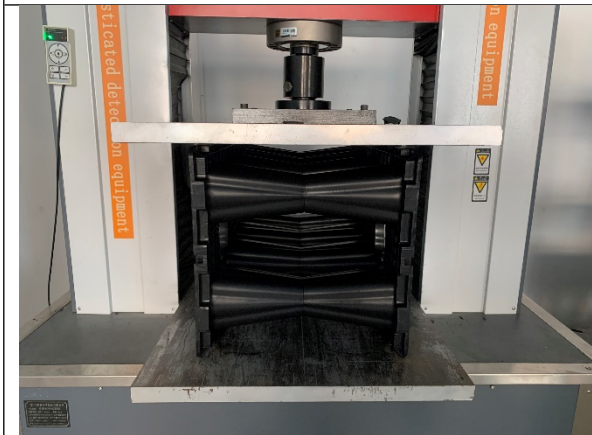
Witness test process as below:



Test equipment



During test-Top longitudinal



During test -Lateral



After test-Sample A

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