

TEST REPORT

No. : XMIN2401000036PL04_EN

Date : 2025-01-18

Page: 1 of 4

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

TEST REPORT

No. : XMIN2401000036PL04_EN

Date : 2025-01-18

Page: 2 of 4

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

TEST REPORT

No. : XMIN2401000036PL04_EN

Date : 2025-01-18

Page: 3 of 4

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		



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

TEST REPORT

No. : XMIN2401000036PL04_EN

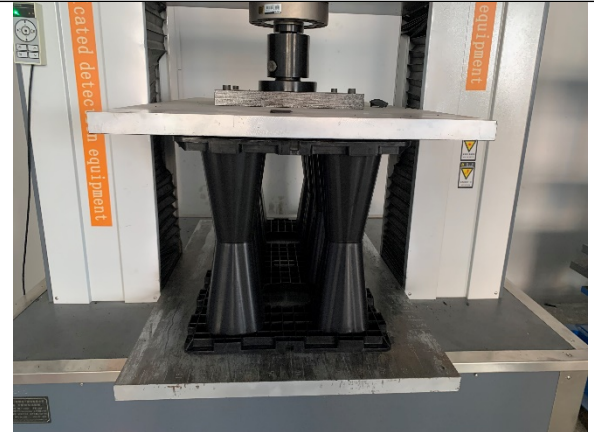
Date : 2024-01-18

Page: 4 of 4

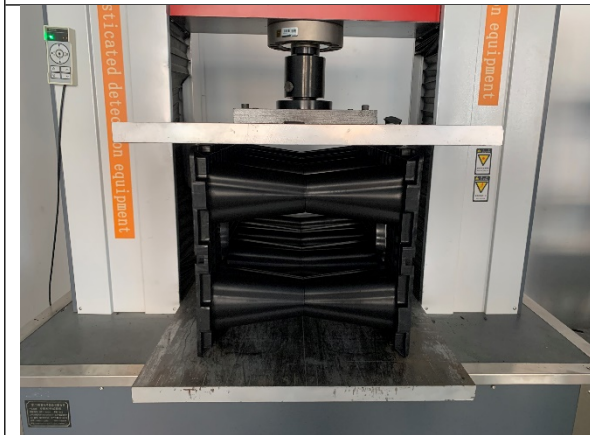
Witness test process as below:



Test equipment



During test-Top longitudinal



During test -Lateral



After test-Sample A

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