TEST REPORT

No. : XMIN2401000036PL04_EN

Date : 2025-01-18

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.

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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

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

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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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TEST REPORT

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 ⩾ 234KN Lateral load test: F ⩾ 60KN	Pass
		Sample contact area S	0.5m^2		
		Ultimate compressive strength σ	468.5232KN/m^2		
Lateral load test		Force value F at sample failure	60.9628KN		Pass
		Sample contact area S	0.5m^2		
		Ultimate compressive strength σ	121.9256KN/m^2		

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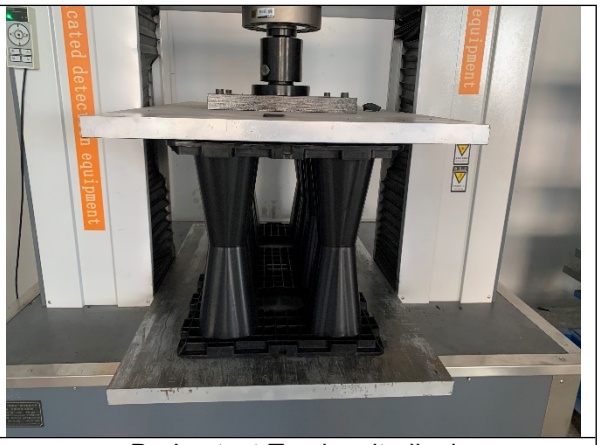
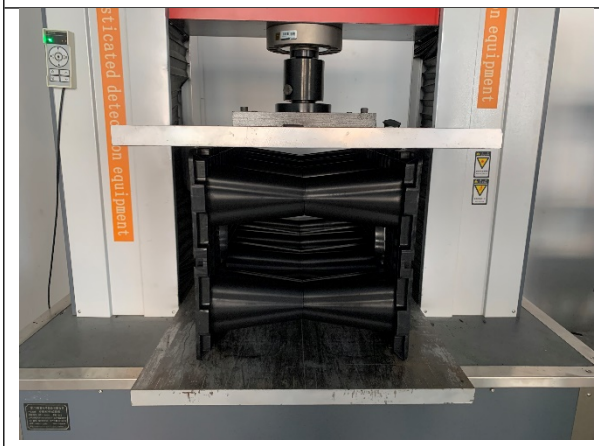
Witness test process as below:

	
Test equipment	During test-Top longitudinal
	
During test -Lateral	After test-Sample A

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

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