



180002280586



中国认可
国际互认
检测
TESTING
CNAS L0690

TEST REPORT

No: WT2018B03C03665



Entrusted by Shenzhen Joaboa Technology Ltd.

Sample Name BAC-PCLF-type Self-adhesive
Waterproofing Membrane

Test Type Entrustment test

National Research Center of Testing Techniques
for Building Materials



WT2018B03C03665



National Research Center of Testing Techniques for Building Materials

Test Report

No: WT2018B03C03665

Page 1 of 6

Sample Name	BAC-PCLF-type Self-adhesive Waterproofing Membrane	Test Type	Entrustment test
Entrusted by	Shenzhen Joaboa Technology Ltd.	Brand	BAC
Manufacturer	SUZHOU JOABOA TECHNOLOGY LTD.	Sample Description	Intact
Sample Received Date	July 6, 2018	Quantity	5 rolls
Production Date/ Batch No.	---	Model/Size	W P I D, 2.0mm 1m×20m
Test based on	The inspection basis for each inspection item is detailed in the data page		
Test Standard	GB/T 23457-2009 Pre-applied and wet installed waterproof sheets		
Test Items	Flexibility at low temperature, Flow resistance at elevated temperature, Watertightness, Tensile property, Tear strength, Asphalt penetration, Thermal stability, Artificial ageing by long term exposure to elevated temperature, The peel resistance between waterproof sheet and waterproof sheet, Holding power, The peel resistance between waterproof sheet and cement-mortar board, The peel resistance between waterproof sheet and cement-mortar board after soaking treatment, Total thickness, Area, Visible defects		
Conclusion	* According to GB /T 23457 – 2009, test results of all items comply with the requirements of products with class I of P type of wet installed waterproof sheets. Test results are shown in pages 2~6. *		
Remarks:	(Blank)		

Date of issued: October 10, 2018

(Seal)

检验专用章

Approved by: 

Verified by: 

Compiled by: 

Test Institution Address: The South Mansion of China Building Materials Academy, Guanzhuang,
Chaoyang District, Beijing, China Telephone: +86-010-65728538 Post Code: 100024

国家建筑材料测试中心

(National Research Center of Testing Techniques for Building Materials)

检验报告

(Test Report)

No: WT2018B03C03665

Page 2 of 6

No.	Test Item	Unit of measurement	Requirements of Standard (W P I)	Test Results	Individual Conclusion	Test based on	
1	Flexibility at low temperature	/	- 15°C, No crack	- 15°C, No crack	Pass	GB/T 23457-2009 5.15 GB/T 328.14-2007	
2	Flow resistance at elevated temperature	/	70°C, 2h, No displacement, No flow, No droplet	70°C, 2h, No displacement, No flow, No droplet	Pass	GB/T 23457-2009 5.13 GB/T 328.11-2007	
3	Watertightness	/	0.3MPa, 120min No leakage	0.3MPa, 120min No leakage	Pass	GB/T 23457-2009 5.17 GB/T 328.10-2007	
4	Tensile property	Tensile force (Longitudinal direction)	N/50mm	≥150	297	Pass	GB/T 23457-2009 5.8.1 GB/T 328.9-2007
		Tensile force (Transverse direction)	N/50mm	≥150	257	Pass	
		Elongation at maximum tensile force (Longitudinal direction)	%	≥30	350	Pass	
		Elongation at maximum tensile force (Transverse direction)	%	≥30	359	Pass	

检验单位地址: 北京市朝阳区管庄中国建材院南楼 电话: 65728538 邮编: 100024

国家建筑材料测试中心

(National Research Center of Testing Techniques for Building Materials)

检验报告

(Test Report)

No: WT2018B03C03665

Page 3 of 6

No.	Test Item		Unit of measurement	Requirements of Standard (W P I)	Test Results	Individual Conclusion	Test based on
5	Tear strength	Longitudinal direction	N	≥ 12	47	Pass	GB/T 529-2008
		Transverse direction	N	≥ 12	47	Pass	
6	Asphalt penetration		piece	≤ 2	1	Pass	GB/T 23457-2009 5.19
7	Thermal stability	Visible defects	/	No bubble, No slip, No flow	No bubble, No slip, No flow	Pass	GB/T 23457-2009 5.24
		Dimensional stability (Longitudinal direction)	%	≤ 2.0	1.0	Pass	
		Dimensional stability (Transverse direction)	%	≤ 2.0	0.4	Pass	

检验单位地址: 北京市朝阳区管庄中国建材院南楼 电话: 65728538 邮编: 100024

国家建筑材料测试中心

(National Research Center of Testing Techniques for Building Materials)

检验报告

(Test Report)

No: WT2018B03C03665

Page 4 of 6

No.	Test Item		Unit of measurement	Requirements of Standard (W P I)	Test Results	Individual Conclusion	Test based on
8	Artificial ageing by long term exposure to elevated temperature (70°C, 168h)	The retention rate of tensile force (Longitudinal direction)	%	≥90	93	Pass	GB/T 23457-2009 5.23、5.8.1、 5.15 GB/T 328.9-2007 GB/T 328.14-2007
		The retention rate of tensile force (Transverse direction)	%	≥90	105	Pass	
		The retention rate of elongation (Longitudinal direction)	%	≥80	124	Pass	
		The retention rate of elongation (Transverse direction)	%	≥80	130	Pass	
		Flexibility at low temperature	/	-13°C No crack	-13°C No crack	Pass	
9	The peel resistance between waterproof sheet and waterproof sheet	Non-treated	N/mm	≥1.0	1.8	Pass	GB/T 23457-2009 5.18 GB/T 328.20-2007
		Heat treated	N/mm	≥1.0	1.9	Pass	

检验单位地址: 北京市朝阳区管庄中国建材院南楼 电话: 65728538 邮编: 100024

国家建筑材料测试中心

(National Research Center of Testing Techniques for Building Materials)

检验报告

(Test Report)

No: WT2018B03C03665

Page 5 of 6

No.	Test Item		Unit of measurement	Requirements of Standard (W P I)	Test Results	Individual Conclusion	Test based on
10	Holding power	The upper surface	min	≥ 15	50	Pass	GB/T 23457-2009 5.20
		The bottom surface	min	≥ 15	43	Pass	
11	The peel resistance between waterproof sheet and cementmortar board	Non-treated	N/mm	≥ 2.0	2.1	Pass	GB/T 23457-2009 5.21
		Heat treated	N/mm	≥ 1.5	1.6	Pass	
12	The peel resistance between waterproof sheet and cementmortar board after soaking treatment		N/mm	≥ 1.5	1.6	Pass	GB/T 23457-2009 5.22
13	Total thickness		mm	≥ 2.0	1#: 2.06 2#: 2.06 3#: 2.05 4#: 2.05 5#: 2.05	Pass	GB/T 23457-2009 5.5
14	Area	20m ²	%	≥ 99	1#: 100 2#: 101 3#: 101 4#: 101 5#: 101	Pass	GB/T 23457-2009 5.3

检验单位地址: 北京市朝阳区管庄中国建材院南楼 电话: 65728538 邮编: 100024

国家建筑材料测试中心

(National Research Center of Testing Techniques for Building Materials)

检验报告

(Test Report)

No: WT2018B03C03665

Page 6 of 6

No.	Test Item	Unit of measurement	Requirements of Standard (W P I)	Test Results	Individual Conclusion	Test based on
15	Visible defects	/	Should meet the standard requirements of Clause 4.2	1#~5#: Meet the standard requirements of Clause 4.2	Pass	GB/T 328.2-2007
Remarks	(Blank)					

===== THE END =====

国检集团

检验单位地址: 北京市朝阳区管庄中国建材院南楼 电话: 65728538 邮编: 100024

说 明

Notice

1、本报告无中心“检验专用章”和骑缝章无效。

This test report is invalid without the seal.

2、本报告无“编制、审核、批准”签字无效。

This test report is invalid without the signatures of the related persons.

3、本报告涂改、部分复印无效。

This test report is invalid if erased, altered or copied partially.

4、对本报告若有异议，应于收到报告之日起十五日内向本中心提出，逾期恕不受理。

Any doubt should inform us within 15 days after receiving the test report.

5、委托检验样品和委托信息由委托人提供，中心不对其真实性负责，委托检验结果仅对来样负责。

The commissioned testing samples and commission information are provided by the applicant. The results shown in the test report refer only to the sample(s) tested unless otherwise stated. Identifying authenticity of the supplied samples and information is out of our responsibility.

6、本报告采用防伪纸张，复印后应带有网格底纹，数据页背面的编号为随机编号，与报告内容无关。

This test report is printed on anti-counterfeiting paper. Its copy should have grid shading. The numbers on the back of the data sheet are random numbers not related with the report.

本中心联系方式：

地址（Address）：北京市朝阳区管庄东里1号

No.1 Guanzhuang Dongli, Chaoyang District, Beijing 100024, P.R.China.

邮编（Post Code）：100024

电话（Tel）：（86-10）65728538 51167681 / 7983 / 7984

传真（Fax）：（86-10）65715991

报告真伪查询：Tel：（86-10）51167679 Fax：（86-10）65764684

网址（Web）：<http://www.cbmtc.com> www.chinabmnet.com www.ctc.ac.cn

电子邮箱（E-mail）：baogao@ctc.ac.cn

