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中国认可  
国际互认  
检测  
TESTING  
CNAS L18543

# Inspection Report

Product Name: WPC WALL PANEL/DECKING

Entrusting unit: LINYI PERFECT NEW MATERIAL CO.,LTD.

Address of the commissioning unit: NO. 1002A, RUIYI CENTER, INTERSECTION OF BEIJING ROAD AND LIUQINGHE EAST ROAD, LIUQING STREET, LANSHAN DISTRICT, LINYI CITY, SHANDONG PROVINCE.

Product model: WIDTH\*THICKNESS: 150\*15

Release date: January 12, 2025

Shenzhen Jinglian Testing Co., Ltd



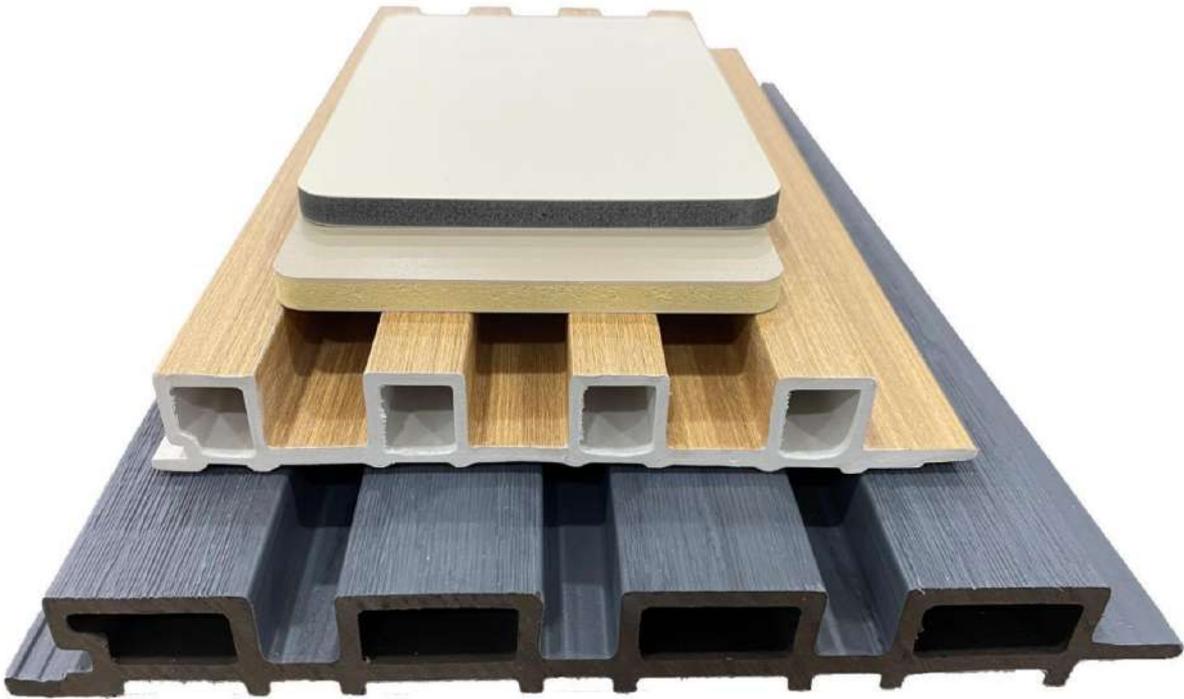
<b>Product Name:</b>	WPC WALL PANEL/DECKING		
<b>Entrusting unit:</b>	LINYI PERFECT NEW MATERIAL CO.,LTD.		
<b>Address of the commissioning unit:</b>	China, Linyi City, Shandong Province, Lanshan District, Bancheng Town, Jinluo Science and Technology Park, Xincheng 2nd Road West Section, left side of the plant		
<b>Product model:</b>	WIDTH*THICKNESS: 150*15		
<b>Additional models:</b>	/		
<b>trademark:</b>	PERFECT NEW MATERIAL	<b>Sample arrival date:</b>	January 02, 2025
<b>Inspection category:</b>	Entrustment Inspection	<b>Release date:</b>	January 12, 2025
<b>Sample Description:</b> /			
<b>Inspection basis:</b> According to the enterprise commissioned testing Reliability laboratory, identify harsh environment from EUT and ensure reliability compliance with the environmental requirements of EUT.			
<b>Inspection conclusion:</b> /			
 (seal)			
<b>Tested by:</b>	<i>Sam Feng</i>	<b>Reviewed by:</b>	<i>Ben lee</i>
	_____		_____
		<b>Approved by:</b>	<i>Sam OK</i>
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**SUMMARY OF RESULTS:**

NO.	TEST ITEM		TEST STANDARD	TEST RESULT	SINGLE JUDGMENT	
1.	Water Absorption(%)		/	0.17	Pass	
2.	Fire Retardant Grade B	B	EN13501-1:2007+A1:2009	(FIGRA <sup>03C</sup> ),W/s	120	Pass
3.				(THR <sup>m</sup> ),MJ	7.5	Pass
4.				The Fire Spread Horizontal	LFS < Edge of the Long Wing specimen	Pass
5.				Flame Height in 60 Seconds	Fs≤150mm	Pass
6.				The Phenomenon of Flame Particles Flaming Filterpaperin 60s	Not Have the Phenomenon	Pass
7.				Additional Information	s3	Grade of Smoke
8.	d1	Flame Drop Particles	EN13501-1:2007+A1:2009 Flaming Droplets/Particles <10ss		Pass	
9.	Thickness		5-30 mm	Past Muster	Pass	
10.	Width		120-1300mm	Past Muster	Pass	

11.	Length	2000-6000mm	Past Muster	Pass
12.	Composition	Plastic + Calcium Powder + Adhesive	Past Muster	Pass

13.	Density	0.6-0.8 kg/m <sup>3</sup>	0.6-0.8 kg/m <sup>3</sup>	Pass	
14.	Strength	176MPA	176MPA	Pass	
15.	Ball Indentation Hardness	78.18N/cm <sup>2</sup>	78.18N/cm <sup>2</sup>	Pass	
16.	IIV Thickness	120-150g/piece	130g/piece	Pass	
17.	Variation Rate of Heating Size	1.2%	Past muster	Pass	
18.	Tensile Elongation	16.1%	Past muster	Pass	
19.	Formaldehyde Emission	EN 14041:2004/AC:2006 Clause 4.38 EN 717-1:2004	ND Class E1	Pass	
20.	Content of Pentachlorophenol (PCP)	EN14041:2004/AC:2006 Clause 4.28 AnnexB 8 EN 12673:1999	ND	Pass	
21.	Slip Resistance	EN14041:2004/AC:2006 Clause 4.5 & EN 13893:2002	Dynamic coefficient of friction: X Direction:0.34 Y Direction:0.38 Technical class DS	Pass	
22.	Thermal Conductivity	EN14041:2004/AC:2006 Clause 4.7 & EN 12684:2001	0.009W/(m-K)	Pass	
23.	Plastic Content	/	90%	Pass	
24.	Bond Adhesion Agent	Wood powder content	/	5%	Pass
		chemical additive	/	5%	Pass



\*\*\*\*\*Report ends\*\*\*

## Important

1. The report is invalid without the seal of the testing unit;
  2. Without the written consent of this laboratory, partial reproduction of this report is not allowed;
  3. The report is invalid without the signature of the main inspector, reviewer, and approver;
  4. The report is invalid if altered;
  5. The test results are only valid for the tested sample.
  6. Regarding the samples submitted for inspection, the client of the sample information claims that our company is not responsible for their authenticity.
  7. If the commissioning party fails to retrieve the sample within one month from the date of receiving the test report, it shall be deemed that the testing unit is allowed to handle it on its own.
  8. This report is not applicable to auxiliary or supporting materials for judicial cases
  9. Due to the confidentiality agreement for the client, a permission from the client is required to access the details of the report. The testing items marked with "\*" are commissioned for external testing and are not within the scope of CNAS or CMA authorization. They cannot be used for impartiality purposes.
  11. If there are any objections to the testing report, please raise them to the testing unit within fifteen days from the date of receipt of the report;
  12. In general, the entrusted testing results are only valid for the tested sample;
- Test judgment terms: "-" or "N" means "not applicable", "/" means "not tested", "P" means "qualified or passed", "F" means "not passed" or "unqualified".

