



2015000586E



检测  
CNAS L0690

# TEST REPORT

No: WT2015B02N00832



Entrusted by

SHANDONG FANGXING BUILDING  
MATERIALS CO.,LTD.

Sample

PSP Plastic Coated Steel Panel

Name

Test Type

Entrustment test

**National Research Center of Testing  
Techniques for Building Materials**



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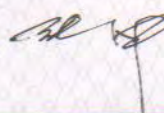
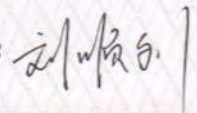
National Research Center of Testing Techniques  
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Sample Name	PSP Plastic Coated Steel Panel	Test Type	Entrustment test
Entrusted by	SHANDONG FANGXING BUILDING MATERIALS CO., LTD.	Brand	
Manufacturer	SHANDONG FANGXING BUILDING MATERIALS CO., LTD.	Sample Description	good condition
Sample Received Date	July 15,2015	Quantity	300mm×300mm 10pcs
Production Date/ Batch No.	---	Model/Size	---
Test Standard	GB/T 18847 - 2002 Polyvinyl chloride laminated sheet-metal GB/T 9753 - 2007 Paints and varnishes—Cupping test		
Test Items	Detailed conclusions are listed in page 2~4.		
Conclusion	*The test result of cupping test see page 4,other test results of the items accord with the requirements of GB/T 18847 - 2002.*  Date of issued: August 26, 2015 (Seal) 		
Remarks:	( Blank )		

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

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No.	Test Item	Requirements of Standard		Test Results	Individual Conclusion	
1	Color difference (monochrome)	$\leq 0.8$		0.07	Pass	
2	Gloss value (G)	High Gloss	$G \geq 80$	90	Pass (high Gloss)	
		Matt Gloss (Glossy processing)	$30 < G < 80$			
		Matt Gloss (without Glossy processing)	$G \leq 30$			
3	Adhesive property	No less than B3 grade		A3 grade	Pass	
4	Bending property	No flaw, crack and peeling		Longitudinal	No flaw, crack and peeling	Pass
				Lateral	No flaw, crack and peeling	Pass
5	Low temperature workability	No flaw, crack and peeling		Longitudinal	No flaw, crack and peeling	Pass
				Lateral	No flaw, crack and peeling	Pass
6	Boiling water resistance	No shrinkage, flaw, crack, peeling and fading		No shrinkage, flaw, crack, peeling and fading	Pass	

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No.	Test Item		Requirements of Standard	Test Results	Individual Conclusion
7	Pollution resistance	Black mark pen	No pollution and change in color	No pollution and change in color	Pass
		Blue mark pen	No pollution and change in color	No pollution and change in color	Pass
		Red mark pen	No pollution and change in color	No pollution and change in color	Pass
		Kerosene	No pollution and change in color	No pollution and change in color	Pass
8	Corrosion resistance (1000h)		Under test conditions, no corrosion	Under test conditions, no corrosion	Pass
9	Self-extinguishment		Self-extinguishment in 2 seconds	Self-extinguishment in 1 second 780 millisecond	Pass
10	Chemical stability	10%( mass fraction ) HCl	No fade, swelling and separation	No fade, swelling and separation	Pass
		10%( mass fraction ) NaOH	No fade, swelling and separation	No fade, swelling and separation	Pass
		10%( mass fraction ) H <sub>2</sub> SO <sub>4</sub>	No fade, swelling and separation	No fade, swelling and separation	Pass
		10%( mass fraction ) Ca(OH) <sub>2</sub>	No fade, swelling and separation	No fade, swelling and separation	Pass
		Anhydrous alcohol	No fade, swelling and separation	No fade, swelling and separation	Pass

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No.	Test Item	Requirements of Standard	Test Results	Individual Conclusion
11	Cupping test	---	The maximum indentation depth 11.1mm	---
(Blank)				
				
Remarks: (Blank)				

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