



# ***SEVEN ACP***

## ALUMINIUM COMPOSITE PANEL



- THE PRODUCTION PASSED CE BS476 INTERTEK TEST
- ISO9001 QUALITY MANAGEMENT SYSTEM CERTIFICATION
- ISO14001 ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATION
- CTC CHINA BUILDING MATERIAL CERTIFICATION
- PPG PAINT BASE KYNAR 500



**DONG'E BLUE SKY AND SEVEN COLOR BUILDING MATERIALS CO.,LTD**



QS-3101 Bright Silver



QS-3102 Sub Silver



QS-3104 Iron Grey



QS-3105 Champagne Golden



QS-3114 Cooper



QS-3117 Golden



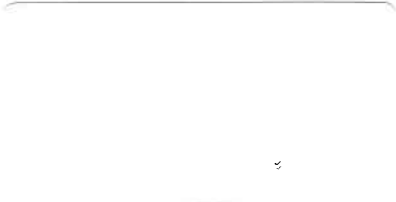
QS-3118 Jade Silver



QS-2013 Pearl Orange



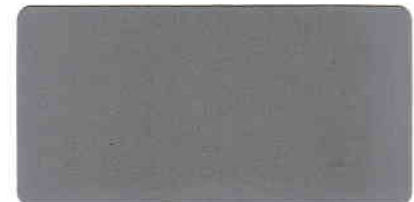
QS-3150 Champagne Gold Metallic



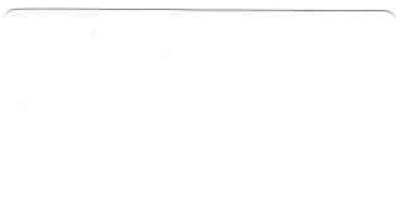
QS-3152 Snow White



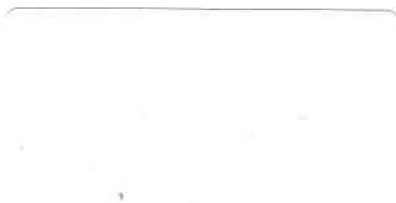
QS-3112 Grey



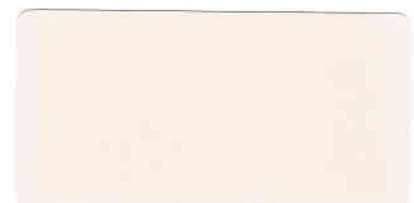
QS-3115 China Grey



QS-3103 White



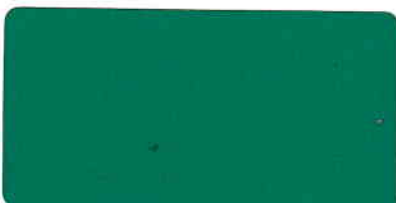
QS-3125 Milk White



QS-3153 Cream



QS-3136 Pure Gold



QS-3113 Green



QS-7015 Grey RAL



QS-3111 Red



QS-3198 Magenta Red

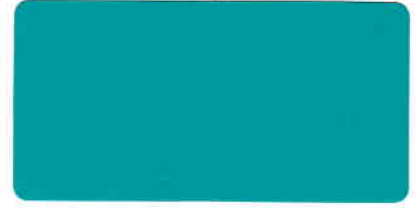




QS-3116 Dark Blue



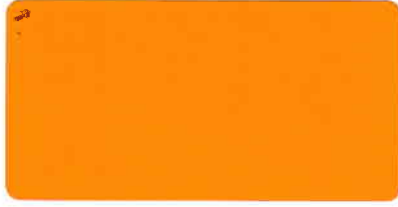
QS-3108 Coffee



QS-3129 Dark Green



QS-3237 Signal Blue



QS-3123 Dark Yellow



QS-3181 Green Lime



QS-3126 Blue



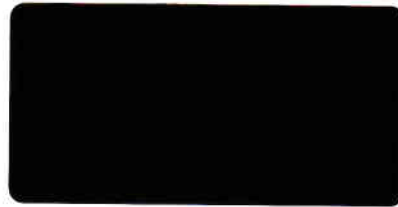
QS-3110 Yellow



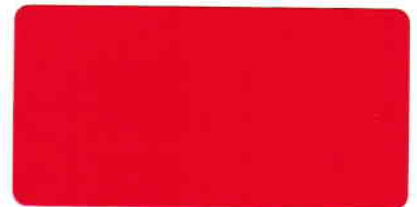
QS-3238 Signal Orange



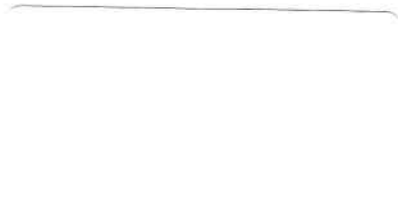
QS-3109 Sea Blue



QS-3130 Black



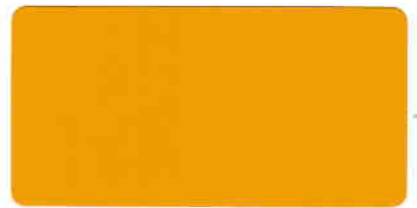
QS-3135 Orange



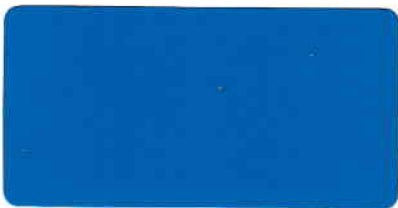
QS-3176 White Glossy



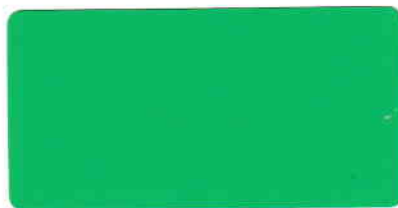
QS-3177 Red Glossy



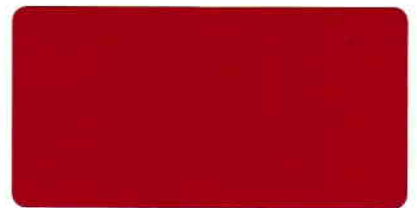
QS-3231 Yellow Glossy



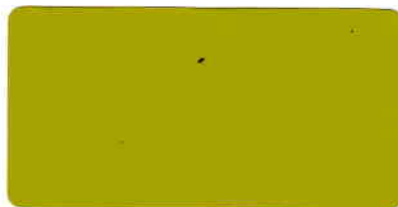
QS-3235 Blue Glossy



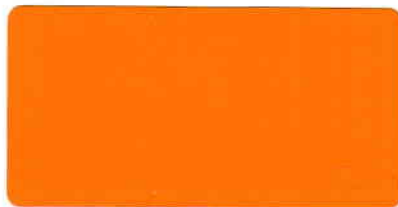
QS-4218 Green Glossy



QS-3003 Ruby Red Glossy



QS-3383 Light Green Glossy



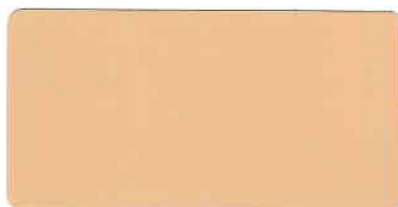
QS-3175 Brilliant Orange Glossy



QS-3178 Brown Glossy



QS-3236 Dark Blue Glossy



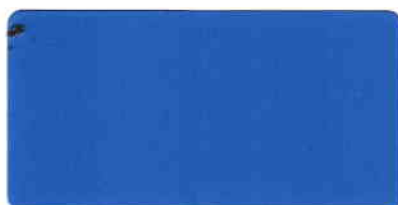
QS-3195 Light Almond Glossy



QS-3232 Signal Blue Glossy



QS-3242 Pink Rose Glossy



QS-3245 Light Blue Glossy



QS-3246 Black Glossy



QS-3006 Sparkling Purple



QS-3035 Sparkling Green



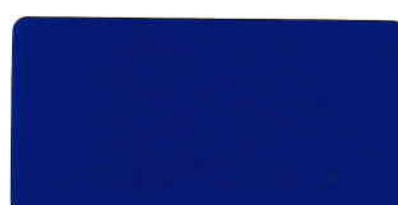
QS-3030 Sparkling Black



QS-3244 Sparkling Red



QS-3243 Sparkling Violet



QS-3239 Sparkling Blue



QS-8008 Olive Brown



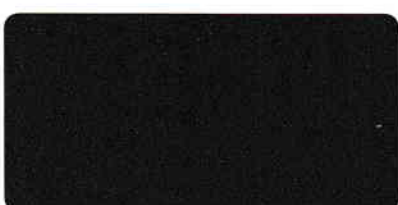
QS-1017 Saffron Yellow



QS 3358 Sparkling White



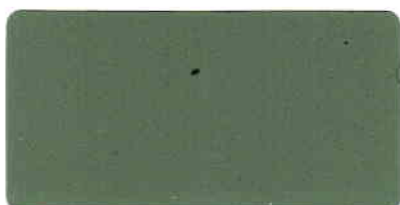
QS-3182 Metallic Grey



QS-3179 Metallic Black



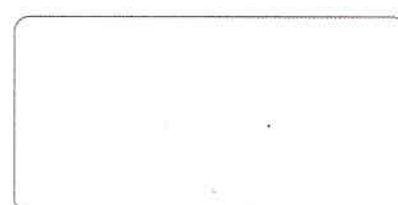
QS-3319 Metallic Blue



QS-3036 Sparkling Autumn



QS-3202 Espresso





QS-5101 Horse Chestnut



QS-5102 Hazel Bright



QS-5103 Savin Golden



QS-5104 Alpine Maple



QS-5105 Mezereon Brown



QS-5106 Grape Rose



QS-5107 Cornel Tree



QS-5108 Stripe Daphine



QS-3301 Marble



QS-3302 Giallo Granite



QS-3303 White Granite



QS-3304 Red Granite



QS-7121 Sky Mirror



QS-7122 Spanish Mirror



QS-7119 Gold Mirror



QS-7118 Silver Mirror



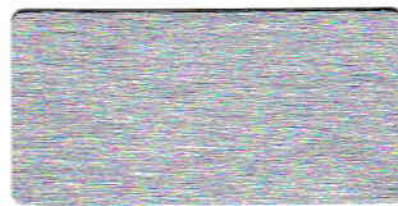
QS-7120 Rose Mirror



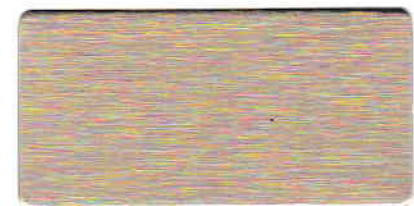
QS-7123 Purple Mirror



QS 3197 BRUSH BRONZE



QS 3194 BRUSH SILVER



QS 3196 BRUSH GOLD

test report of exterior						
NO.	test item	standard index		test value	single item determination	
		high-class	qualified class			
1	appearance quality	vestige	indistinct	indistinct	indistinct	high-class
		coating omit	not allowed	not allowed	no	high-class
		ripples	not allowed	indistinct	no	high-class
		rubbles(≤1mm)	not allowed	≤1/m <sup>2</sup>	no	high-class
		flaw(≤3mm)	≤3/m <sup>2</sup>	≤10/m <sup>2</sup>	no	high-class
		abrasion	not allowed	total length≤100m <sup>2</sup>	no	high-class
		scratch	not allowed	total area≤300m <sup>2</sup>	no	high-class
		total number of abrasion and scratch	not allowed	≤4	0	high-class
		aberration	indistinct	indistinct	indistinct	high-class
2	dimensions deviation	length	±3mm	0mm~+1.3mm	passed	
		width	±2mm	0mm~+1.1mm	passed	
		thickness	±0.2mm	+0.04mm~+0.20mm	passed	
		squaresness	≤5mm	1.2mm	passed	
		edge unstraightness	≤1mm/m	0.15mm/m	passed	
		warpage	≤5mm/m	1.3mm/m	passed	
3	coating thickness	2 coat min. ≥25μm 3 coat min. ≥32μm	27μm average 28μm 36μm average 35μm	passed		
4	gloss tolerance	≤10g(glossy>70)≤5(glossy≤70)	1.8(golss=42.2)	passed		
5	pencil hardness	≥HB	3H	passed		
6	coating flexibility	≤2T	0T	passed		
7	coating adhesive	not lower than class I	class 0	passed		
8	impact resistance	50Kg cm no depainting, no crack	50Kg cm no depainting no crack	passed		
9	grinding resistance	≥5Lμm	12.9Lμm	passed		
10	boiling water resistance	no change	no change	passed		
11	pullute resistance	≤15%	2.5%	passed		
12	acid resistance	no change	no change	passed		
13	alkaline resistance	no change	no change	passed		
14	oil resistance	no change	no change	passed		
15	solvent resistance	no change	no change	passed		
16	scrub resistance	no change when ≥1000 times	no change when 1000 times	passed		
17	face density	specific value=0.5Kg/m <sup>2</sup>	5.59Kg/m <sup>2</sup>	passed		
18	bending strength	100MP	124.5MPa	passed		
19	bending elastic modulus	≥20x104MPa	3.20x104MPa	passed		
20	penetration resistance	≥9.0KN	9.8KN	passed		
21	shearing strength	≥28.0MPa	29.8MPa	passed		
22	180° peel strength	≥7.0N/mm	13.7N/mm	passed		
23	temperature cycle resistance	no change	no change	passed		
24	thermal expansion coefficient	≤4.00x10 <sup>-6</sup> °C <sup>-1</sup>	7.9x10 <sup>-6</sup> °C <sup>-1</sup>	passed		
25	heat distortion temperature	≥105°C	105°C	passed		
26	resistance salt spray	≤grade 2	1 grade	passed		
27	artificial weathering	colour differences	≤3.0	1.05	passed	
		degradation of gloss	≤grade 2	1 grade	passed	
		others	0 grade	0 grade	passed	



Intertek

TEST REPORT

Based on the general consensus made by customers with the products, Intertek is not responsible for the following items:

1. The test results are only valid for the specific test items and test methods mentioned in the test report.

CERTIFICATE OF CONFORMITY



Product Name: ...  
Model No.: ...  
Date of Issue: ...

UKTC is a member of the International Accreditation Forum (IAF) and is recognized by the United Kingdom Accreditation Board (UKAS).

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NO.	test item	standard index		test value	single item determination	
		high-class	qualified class			
1	appearance quality	vestige	indistinct	indistinct	indistinct	high-class
		coating omit	not allowed	not allowed	no	high-class
		ripples	not allowed	indistinct	no	high-class
		rubbles(≤1mm)	not allowed	≤1/m <sup>2</sup>	no	high-class
		flaw(≤3mm)	≤3/m <sup>2</sup>	≤10/m <sup>2</sup>	no	high-class
		abrasion	not allowed	total length≤100m <sup>2</sup>	no	high-class
		scratch	not allowed	total area≤300m <sup>2</sup>	no	high-class
		total number of abrasion and scratch	not allowed	≤4	0	high-class
		aberration	indistinct	indistinct	indistinct	high-class
2	dimensions deviation	length	±3mm	0mm~+1.7mm	passed	
		width	±2mm	0mm~+1.2mm	passed	
		thickness	±0.2mm	+0.8mm~+0.12mm	passed	
		squaresness	≤5mm	1.2mm	passed	
		edge unstraightness	≤1mm/m	0.20mm/m	passed	
		warpage	≤5mm/m	1.2mm/m	passed	
3	coating thickness	min. ≥16μm	19μm average 20μm	passed		
4	gloss tolerance	≤10g(glossy>70)	1.8(golss=42.2)	passed		
5	pencil hardness	≥HB	3H	passed		
6	coating flexibility	≤3T	1T	passed		
7	coating adhesive	not lower than class I	class 0	passed		
8	impact resistance	50Kg cm no depainting, no crack	50Kg cm no depainting no crack	passed		
9	boiling water resistance	no change	no change	passed		
10	acid resistance	no change	no change	passed		
11	alkaline resistance	no change	no change	passed		
12	oil resistance	no change	no change	passed		
13	solvent resistance	no change	no change	passed		
14	scrub resistance	no change when 10000 times	no change when 10000 times	passed		
15	face density	specific value ±0.5Kg/m <sup>2</sup>	3.61Kg/m <sup>2</sup>	passed		
16	bending strength	≥60MPa	68.3MPa	passed		
17	bending elastic modulus	≥1.5x104MPa	2.02x104MPa	passed		
18	penetration resistance	≥5.0KN	5.0KN	passed		
19	shearing strength	≥20.0MPa	20.4MPa	passed		
20	180° peel strength	≥5.0N/mm	6.3N/mm	passed		
21	temperature cycle resistance	no change	no change	passed		
22	thermal expansion coefficient	≤4.00x10 <sup>-6</sup> °C <sup>-1</sup>	5.7x10 <sup>-6</sup> °C <sup>-1</sup>	passed		
23	heat distortion temperature	≥95°C	99°C	passed		

SGS

TEST REPORT

Product Name: ...  
Model No.: ...  
Date of Issue: ...

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## Product Application Projects



Gedung Seven-Alam Sutera Indonesia



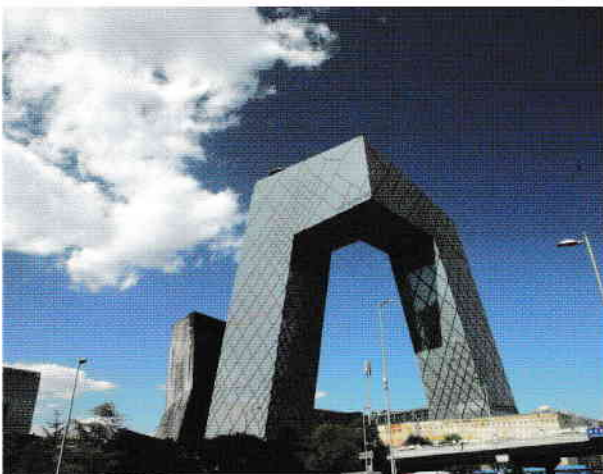
Greenbay Indonesia



Mayapada Hospital Indonesia



Telkomsel Indonesia



CCTV Beijing China



Taizhou International Medical Center China



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**PICC** The Peoples' Insurance Company  
of china Insures The produces