

منصة الواجهات الذكية  
<https://wajha.ai>

# كلادينج يوني بوند UNIBOND ACP



[www.unibond.sa](http://www.unibond.sa)

صنع في السعودية

معنا الألوان تتحدث

Colors talk with us

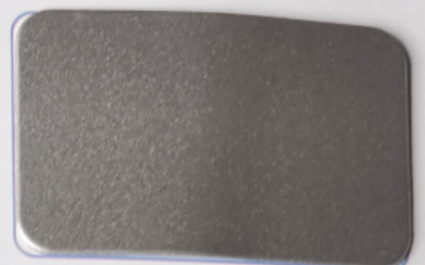
# UNIBOND



UB 001 Pure Silver



UB 002 Platinum



UB 126 Supernova Silver



UB 004 Champagne Silver



UB 007 Sand Silver



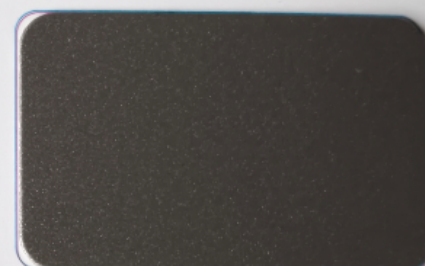
UB 200 Dark Champagen



UB 032 Driftwood



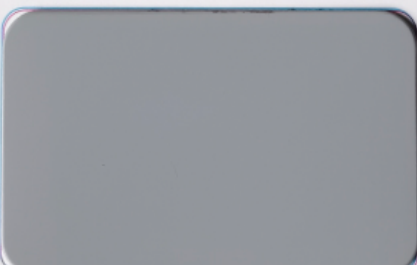
UB 003 Gunmetal



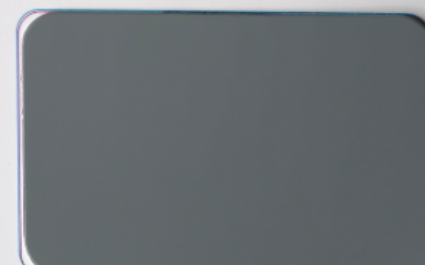
UB 201 Silver Grey



UB 026 Charcoal Grey



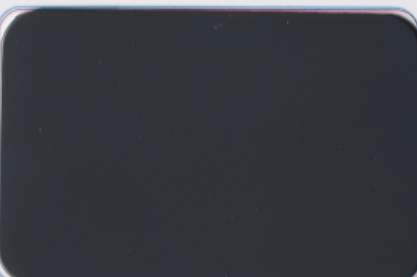
UB 202 Light Grey



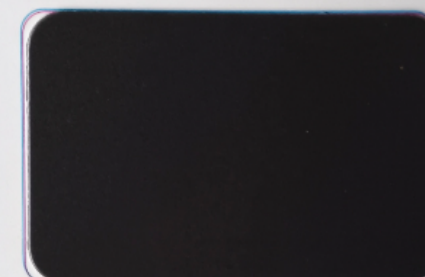
UB 203 Traffic Grey



UB 025 Slate Grey



UB 115 Dark Grey



UB 204 Dark Pearl



UB 205 Golden Pearl



UB 008 Burnished Gold



UB 009 Burnished Copper



UB 023 Royal Blue



UB 127 French Lilac



UB 211 Signal Violet



UB 212 Heather Violet



UB 019 Sunburst Yellow



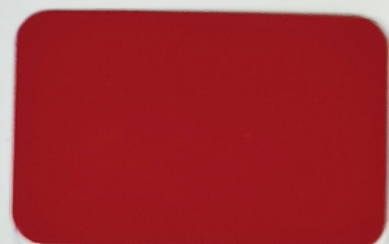
UB 019G Glossy Yellow



UB 041 Portland Orange



UB 041G Glossy Orang



UB 112 Red Lacquer



UB 081 Coffee Brown



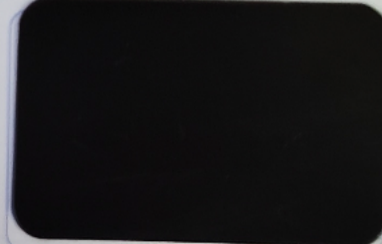
UB 213 Chocolate Brown



UB 214 Light Brown



UB 021 Brick Red



UB 027 Midnight Black



UB 119 High Gloss Black



UB 219 Glossy Brick Red



UB 117 Black Diamonds



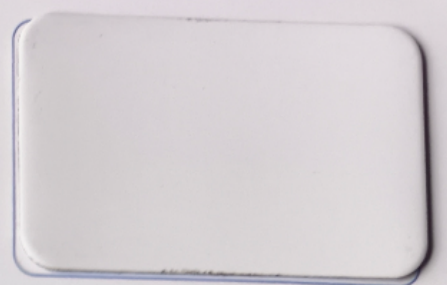
UB 011 Brushed Silver



UB 014 Zephyr Blue



UB 016 Pure White



UB 120 Glossy White



UB 070 Pearl White



UB 017 Eggshell



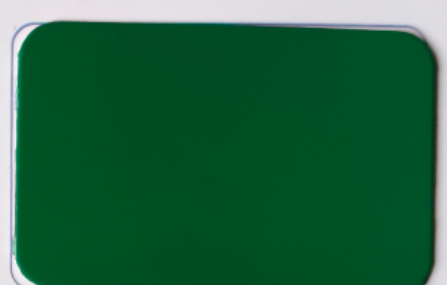
UB 031 Ivory



UB 018 Bone White



UB 035 Shamrock Green



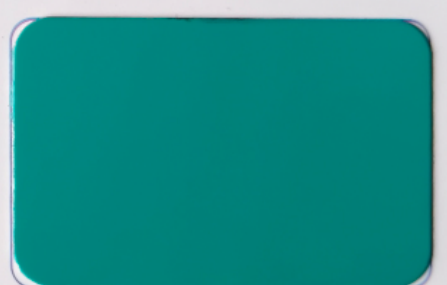
UB 206 Poast Green



UB 038 Forest Green



UB 207 Moss Green



UB 022 Teal Green



UB 037 Verdigris



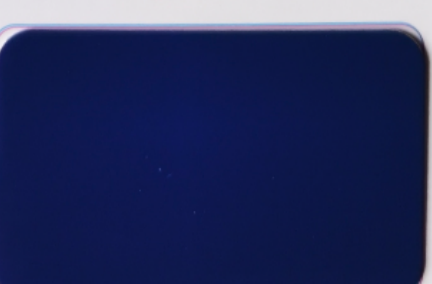
UB 208 Turquoise



UB 040 Azure Blue



UB 209 Ultramarine Blue Rajhi



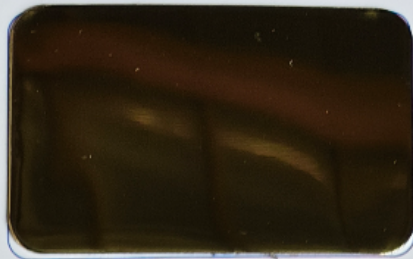
UB 210 Navy Blue



UB 039 Wedgewood Blue



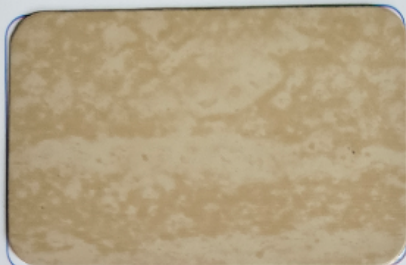
UB 012 Brushed Gold



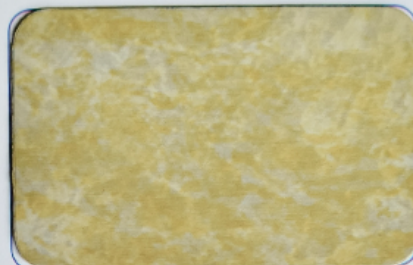
UB 097 Gold Mirror



UB 010 Silver Mirror



UB 215 Colonial Marble



UB 028 Amarillo Gold Marble



UB 216 Oak Wood



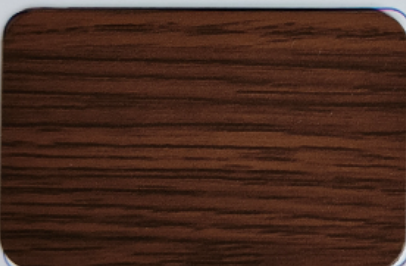
UB 048 Red Teak Wood



UB 060 Red Oak



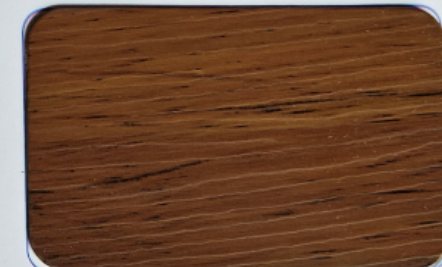
UB 217 Walnut Wood



UB 049 American Walnut Wood



UB 045 Walnut



UB 047 Prominent Wood



UB 046 Red Pine



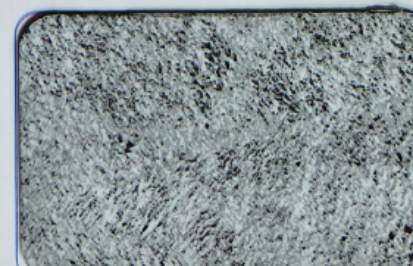
UB 087 Dark Red Teak



UB 777 Dark Wooden



UB 085 Smooth Concrete



UB 086 Light Concrete



UB 218 Emperador Dark

# Technical Specifications

## Core thermal properties

Test Item	FR2 Test Value	FR2 Test Value
heat deflection temprature	115 °c	115 °c
linear thermal expansion coefficient	117.1 μm/m °C	119.5 μm/m °C
thermal resistance	0.0692m <sup>2</sup> .k/w	0.0668m <sup>2</sup> .k/w
thermal conductivity	0.1472w/m <sup>2</sup> .k	0.1605w/m <sup>2</sup> .k
seif-ignition temperature	460 °C	460 °C

## physical & mechanical Properties of panel

Test Item	FR2 Test Value	FR3 Test Value
bending strength	61 N/mm <sup>2</sup>	63 N/mm <sup>2</sup>
bend elastic module	24420 N/mm <sup>2</sup>	20285 N/mm <sup>2</sup>
shear strength	21 N/mm <sup>2</sup>	21.3 N/mm <sup>2</sup>
180 ° peel strength	9.6 N/mm	9.4 N/mm
180 ° peel strength	129.9( N.mm )/mm	129.9/( N.mm)/mm

## physical & mechanical Properties of panel

Test Item	Test Value	Test Value
coating thickness	38.6 μm	32.1 μm
gloss deviation	8	8.1
pencil hardness	4H	4H
coating flexibility	0	0
adhesion	Grade 1	Grade 1
impact resistance	Pass	pass
abrasion resistance	9 L/μm	7 L/μm
stain resistance	1.05 %	1.05 %
acid resistance	No change	No change
alkali resistance	No change	No change
oil resistance	No change	No change
solvent resistance	No change	No change
salt flog resistance	Grade 2	Grade 2
hot water resistance	No change	No change
color change *	2	2
gloss change *	8	8
other aging performance	No change	No change

\*Accelerated weathering , duration of test is 2000 hours

## Alumminium alloy properties

tensile strenght	181.7 Mpa	186.7 Mpa
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Standards: USA: ASTM D98:2010-903, ASTM D16-648,  
ASTM E15-84b, ASTME119-, NFPA 285, ASTM D1929.  
Europe: EN 1-13501

# Specifications

Width	1000mm, 1250mm, 1500mm and up to 1590mm.	عرض اللوح
Available Panel Thickness	3mm, 4mm, 5mm, 6mm	سماعة اللوح
Available Skin Thickness	0.5mm, 0.4mm, 0.3mm	سماعة شريحة الألمونيوم
Available Length	2440mm, 3200mm, 3600mm and up to 6000 mm.	طول اللوح
Weight	3mm = 3.7kg/m <sup>2</sup> : 4mm=5.1kg/m <sup>2</sup> : 6mm= 7.30kg/m <sup>2</sup> <b>Polyethylene Core</b> 3mm = 5.2kg/m <sup>2</sup> : 4mm=6.2kg/m <sup>2</sup> : 6mm= 10kg/m <sup>2</sup>	الوزن
Coating	<b>Modified Mineral Core</b> Kynar 500 & Hylar 5000 PVDF Metallic and Solid & Polyester Matte and High Gloss	الطلاء
Exterior Face of Bottom Skin	PE	طلاء خلف اللوح
Core	Polyethylene	الحشوة
Unibond Fire Raterdant Core	<b>Modified Mineral &amp; Linear Density Polyethiene</b>	حشوة مقاومة الحريق
Colors	Enclosed in this Brochure	الالوان
Special Colors	As Per Request	الالوان الخاصة
Customized Requirements	Available	الطلبات الخاصة



Saso O-mark certification



ISO 14001 Quality Management System ( QMS )



ISO 9001 Quality Management System ( QMS )



A2 Fire Rated certification



B1 Fire Rated certification

