

WELLBOND GROUP



15⁺ YEAR INNOVATION



ALUMINIUM
COMPOSITE PANEL

| SINCE 2008 |

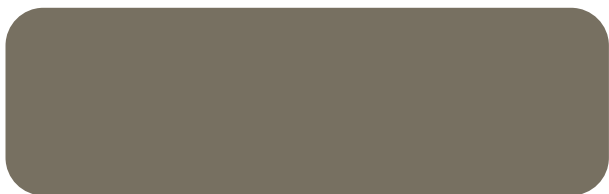
WWW.WELLBOND.COM.EG



Orders Based On Samples



▶ WB-1005 Metal Silver



▶ WB-9006 Gray



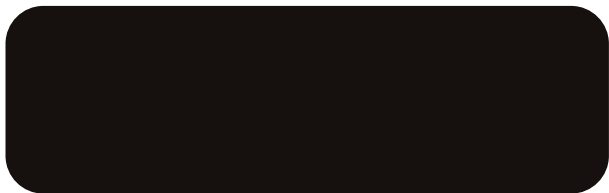
▶ WB-385 Smoked Silver



▶ WB-1047 Light Champagne



▶ WB-7006 Pure Brown



▶ WB-9927 Coffee



▶ WB-1058 Golden



▶ WB-1003 Bright Silver



▶ WB-1033 Pure Gray



▶ WB-1034 Dark Gray Silver



▶ WB-1048 Dark Champagne



▶ WB-8015 Brown Red



▶ WB-1014 Costa Red



▶ WB-1084 Golden Brass

ALUMINUM COMPOSITE PANEL



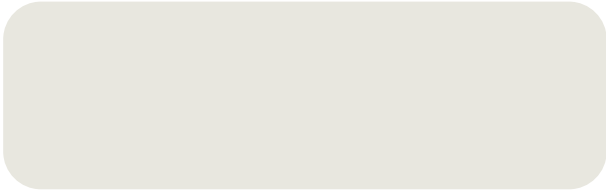
▶ WB-1009 Pure Black



▶ WB-1012 Red



▶ WB-1007 Pure White



▶ WB-1101 White



▶ WB-1089 Milk White



▶ WB-1055 Deep Blue



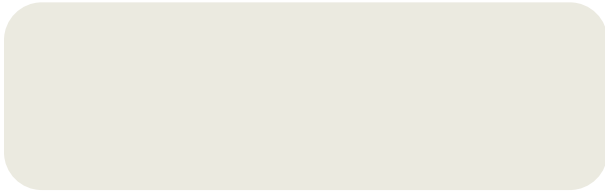
▶ WB-5023 Distant Blue



▶ WB-1009 GS Pure Black Glossy



▶ WB-1012-GS Glossy Red



▶ WB-1007 GS Pure Glossy White



▶ WB-9010 Ivory White



▶ WB-5008 Grey Blue



▶ WB-1006 Dark Blue



▶ WB-1024 Light Blue

طلبات الشراء طبقاً للعينات المعتمدة



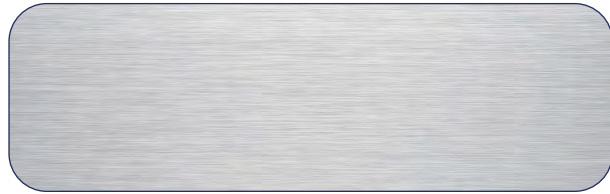
▶ WB-1041 Deep Green



▶ WB-1017 Orange



▶ WB-8101 Red Sparkel



▶ WB-1001 Silver Brushed



▶ WB-MS01 Silver Mirror



▶ WB-1073 Light Wood



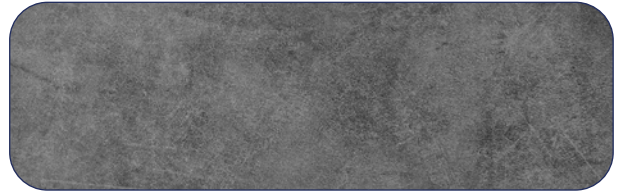
▶ WB-96026 Texture Wood



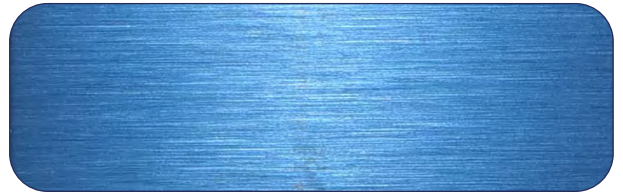
▶ WB-9959 Grass Green



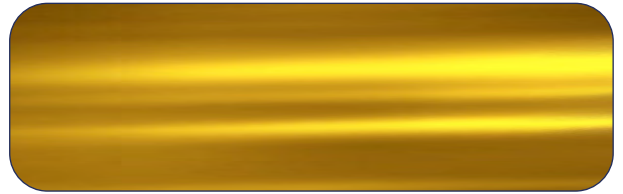
▶ WB-1085 Glossy Yellow



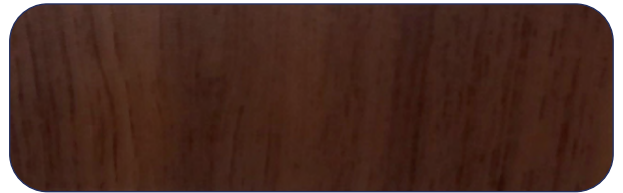
▶ WB-2001 Concrete



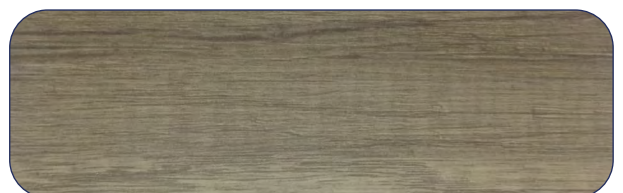
▶ WB-1002 Blue Brushed



▶ WB-MS02 Gold Mirror



▶ WB-1074 Dark Wood

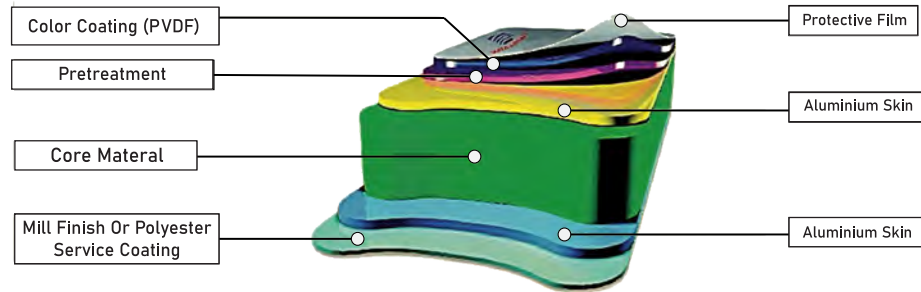


▶ WB-SSD 1003 Wood

WELLBOND TECHNOLOGY

WELLBOND Aluminum Composite Panels (ACP) is a high-performance product consisting of two sheets of Aluminum bonded permanently to each side of an extruded core material made of low-density polyethylene core or fire retardant core. It is a simple concept resulting in an extraordinarily flat and highly formable material with an excellent strength to weight ratio.

CROSS SECTION OF WELLBOND® ALUMINUM COMPOSITE PANEL



SPECIFICATION

Width	1220 MM	1240 MM	1500 MM	1520 MM	1570 MM	
Length	2440 MM	3200 MM	3600 MM	& up to 6000 MM		
Available Panel Thickness	2 MM	3 MM	4 MM	5 MM	6 MM	
Available Skin Thickness	0.18 MM	0.25 MM	0.30 MM	0.40 MM	0.45 MM	0.50 MM
Weight	3 MM =4.5 kg / M2		4 MM =5.5 kg / M2		6 MM =7.30 kg / M2	
Coating	Kynar 500® Hylar 5000® PVDF Metallic and Solid :Polyester Matte and High Gloss					
Exterior Face of Bottom Skin	PE Powder Coated / Lacquered					
Core	Polyethylene , Type LDPE / B / A2					
Colors	50 Standard Colors					
Special Colors	As per request					
Customized Requirements	Available					

TECHNICAL SPECIFICATION

PHYSICAL PROPERTIES	Test Item	Test Value
	Coating Thickness	≥27 µm
	Pencil Hardness	3 H
	Coating Flexibility	2 T
	Gloss Tolerance	≤10 (Gloss ≤ 70)
	Adhesive Strength	Grade 1
	Boiling Water Resistance	2 Hrs , No Change
	Thermal Expansion	≤4 x 10 ⁻⁵ / °C-1
	Heat Deflection Temperature	110 °C
MECHANICAL PROPERTIES	Thermal Deformation Temperature	120 °C
	Impact Resistance	50 kg / cm , no cracking, No Peel - off
	Bending Strength	≥ 121 Mpa
	Shearing Strength	≥30 Mpa
	Peeling Strength	≥8 N/ mm
	Uniaxial Tensile Strength	250 R/ Mpa
CHEMICAL PROPERTIES	Flexural Modulus Of Elasticity	3.12 x 10 ⁴ Mpa
	Acid Resistance	No Change
	Alkaline Resistance	No Change
	Oil Resistance	No Change
	Solvent Resistance	No Change
	Brush Resistance	≥ 10.000 Times of No Change
	Resistance To Salt Spray	Grade 1
	WELLBONDS® FIRE-SHIELD Flame Retardant Grade	Grade B / A2



SPECTRUM
INDUSTRIES INC.

Intertek



SGS



مركز التميز في الجودة
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