



# ALUMINIUM COMPOSITE PANEL

ISO 9001:2008 | ISO 14001:2000

Intertek

SGS



RoHS

REACH



CE



## ABOUT US

Dekkson aluminum composite panels are produced by advanced technology with European standards consisting of two architectural aluminum coils and filled with non-toxic low-density polyethylene (LDPE) or Mineral Core. The surface of the top side aluminum coil has been coated with polyvinylidene fluoride (PVDF) or fluoroethylene vinyl ether (FEVE) and the back side coil has been treated with non-corrosive primer coating. By using Dupont adhesive film and processed with continuously high temperature and high pressure, it makes Dekkson aluminum composite panel has superior adhesion.

Dekkson Aluminum Composite Panel offers durability and various aesthetic color options. With special characteristics such as: fire resistance, self-cleaning coating, anti-bacterial coating, etc. Dekkson Aluminum Composite Panel would be a great choice for any kind of projects, from buildings with high-fire-risk to building that prioritize sanitation. Building with aesthetic architectural design would also benefit from Dekkson Architectural Aluminum Composite Panel various color options

## ADDITIONAL FUNCTION



Dekkson Anti Bacterial ACP is coated with antibiotic paint which provide antibacterial protection. Using cutting-edge non-toxic low density polyethylene as the core, Dekkson Anti-Bacterial ACP is the first choice for hospitals, kitchens, and schools.



Special composite panel with corrugated core formed by a continuous lamination process. The corrugated core offers several advantages such as lightweightness and enhanced durability.



Coated with nano paint layer on the front side of aluminium foil, Dekkson NANO FR B1 ACP is self-cleaning, dust resistant, weather resistant, as well as both acid and alkali resistant. The self-cleaning protective layer is able to insulate contaminations like dust and decompose organic contamination.



Dekkson Aluminium Solid Panel is the best choice for ultimate strength and durability. Enhanced with fluorine-carbon KYNAR500 resin coating, it provide enhanced cohesiveness with the most stable molecular structure. It is able to withstand adverse weather, fire, lightning, and free from discoloration.



With a strengthened fireproof core, Dekkson Fire-Retardant ACP offers Class B1 or Class A2 grade according to GB 8624 fire test. It is very hard to burn and it release no harmful gasses under fire. Dekkson Fire-Retardant ACP is economical, lightweight and strong with smooth surface, good coating quality and good insulation.



Honeycomb structured aluminium alloy core, coated with weather resistant coating. Yielding a high strength composite panel as a result.

# PROJECT REFERENCES



Grand Batam Mall - Batam



Museum Polri - Jakarta



Tokyo Riverside - Jakarta



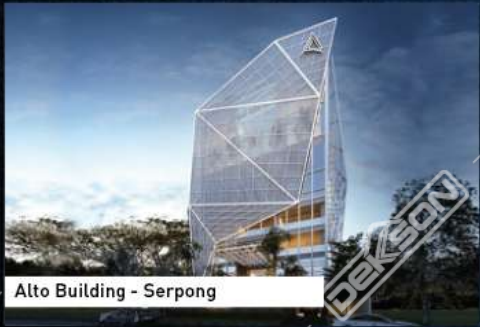
RSU Grand Medika - Medan



Hotel Grand Central - Medan



Carstensz Residence - Serpong



Alto Building - Serpong



Big Mall Samarinda - Kalimantan



D' Fashion Textile - Jakarta



Osaka Riverview - Jakarta



Rukan Shibuya Riverview - Jakarta



Rukan Golf Island - Jakarta



Hoka Hoka Bento



Gereja NDC - Jakarta



ANRI - Aceh

## SPECIFICATION

Alloy character Technical Data	Alloy 5005	Alloy 3003
Composition	Alu+Mg (3-5%)	Alu+Mn (1-1.5%)
Hardness Brinell (HB)	45	47
Elongation	7	6-14
Tensile Strength (Mpa)	159	175
Shear Strength (Mpa)	97	105

Paint Character Technical Data		PVDF	FEVE
Composition		Polyvinylidene Fluoride	Fluoroethylene Vinyl Ether
Processing Temperature (°C)		249-254	224-232
Thickness Coating (µm)	2 x Coating	≥25	≥25
	3 x Coating	≥32	≥32
Glossiness (°)		10-45	10-85
Warranty (Years)		15	15
Application		Outdoor	Outdoor

## CORE

**FIRE RETARDANT  
A2**

**FIRE RETARDANT  
B1**

**CORRUGATED**

**HONEY COMB**

**(LDPE + HDPE)**

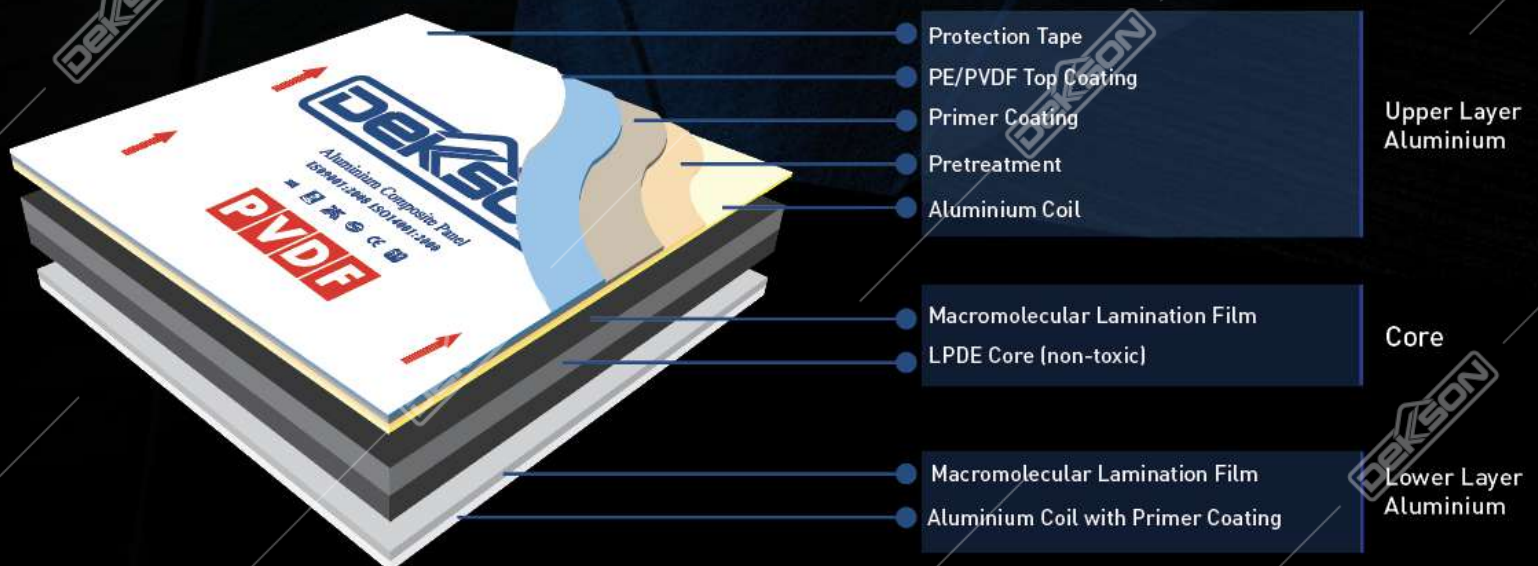
## DIMENSIONS

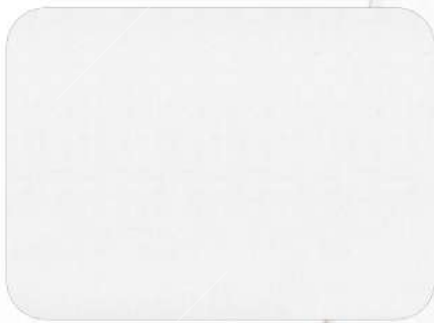
Standard Size

1220 mm x 2440 m / 1220 mm x 4880 mm , Thickness 4 mm

*For custom dimension, please consult with us.*

## DEKSON ALUMINIUM COMPOSITE PANEL STRUCTURE

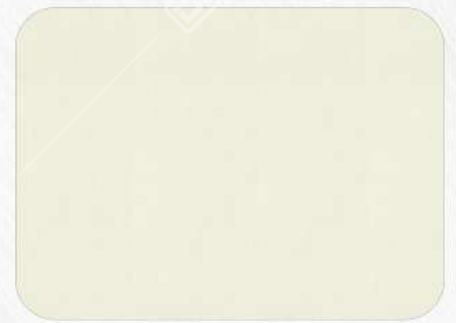




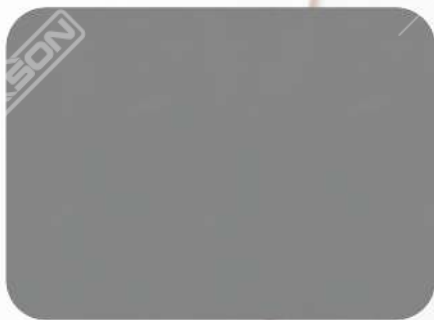
DKS-8813 Pure White



DKS-8814 Milk White



DKS-8815 Ivory White



DKS-8855 Slate Grey



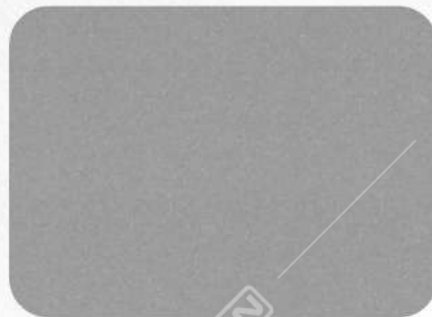
DKS-8856 Dark Grey



DKS-8854 Steel Grey



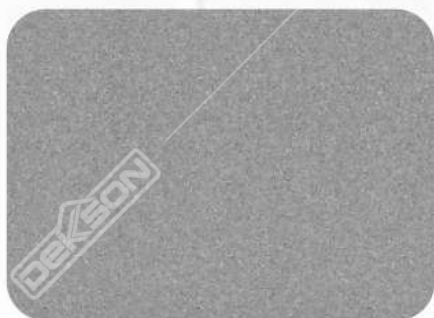
DKS-8801 Silver Metallic



DKS-8802 Silver Grey



DKS-8803 Pearl Grey



DKS-8804 Champagne Gold



DKS-8808 Pearl Beige



DKS-8806 Graceful Grey



DKS-8858 Asphalt Grey



DKS-8809 Sparkle Gold



DKS-8810 Pure Gold



DKS-8812 Goldenrod Metallic



DKS-8821 Pure Yellow



DKS-8823 Saffron Yellow



DKS-8825 Pink



DKS-8832 Violet Red



DKS-8824 Orange



DKS-8829 Ruby Red



DKS-8838 Pistachio Green



DKS-8839 Lizard Green



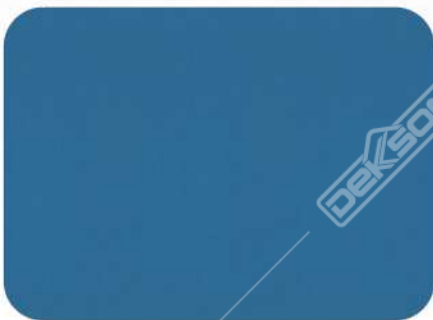
DKS-8840 Apple Green



DKS-8841 Jade Green



DKS-8842 Deep Jungle Green



DKS-8849 Light Blue



DKS-8850 Ocean Blue



DKS-8851 Dark Blue



DKS-8864 Light Coffee



DKS-8836 Henna



DKS-8866 Black



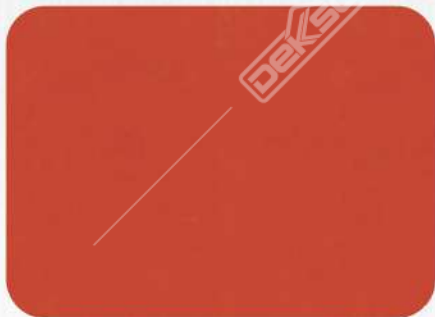
DKS-8531 Glossy White



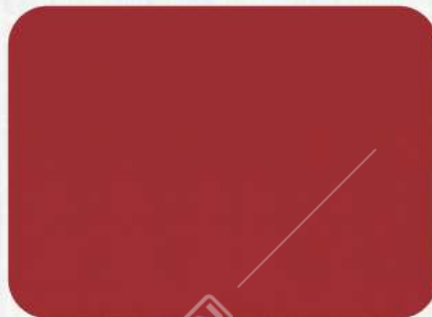
DKS-8533 Glossy Buff



DKS-8534 Glossy Yellow



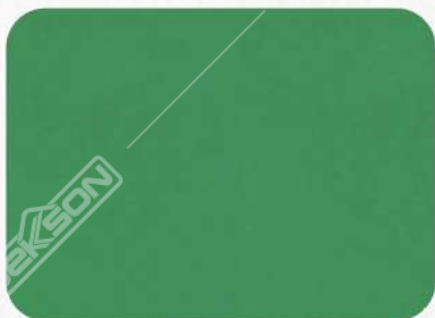
DKS-8537 Glossy Orange



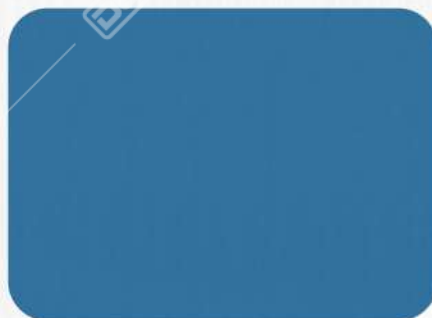
DKS-8538 Glossy Ruby Red



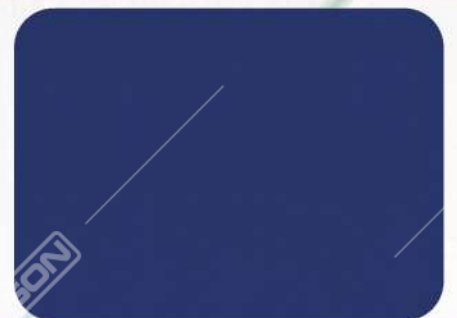
DKS-8542 Glossy Lizard Green



DKS-8543 Glossy Green



DKS-8544 Glossy Light Blue



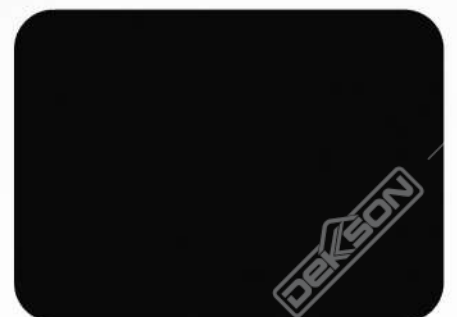
DKS-8545 Glossy Dark Blue



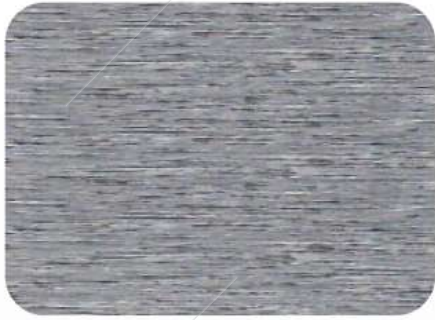
DKS-8547 Glossy Steel Grey



DKS-8548 Glossy Light Coffee



DKS-8550 Glossy Black



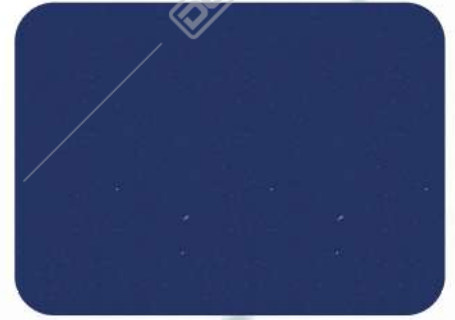
DKS-8867

Silver Brush



DKS-8870

Copper Brush



DKS-8N550

Nacreous Blue



DKS-8556

Silver Mirror



DKS-8558

Gold Mirror



DKS-837448

Ash Wood



DKS-837148

Pickled Oak Wood



DKS-837373

Red Oak Wood



DKS-8CH001

White Chameleon



DKS-8CH002

Grey Chameleon



DKS



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