

ALUMINIUM PVDF COATING

S. No	Parameters	Test Sandard	Result
01	Gloss @ 60 degree	ASTM D523	20 - 80
02	Formability (T-bend)	ASTM D1737 - 62	2T, no cracking
03	Reverse impact - crosshatch	NCCA II - 5	No pick off
04	Hardness - pencil	ASTM D3363	≥ 2H
05	Adhesion Dry Wet Boiling water	ASTM D3359 method 8 37.8°C, 24 hrs. 100°C, 20 min	No pick off No pick off No pick off
06	Paint Thickness	AAMA2604	25 - 36 µm depends on the coating layers
07	Abrasive resistance	ASTM D968 - 93	40 l/mil
08	Chemical Resistance Acid Resistance Alkali Resistance Solvent Resistance Cleaning Resistance	ASTM D1308 - 87 ASTM D1308 - 87 ASTM D1308 - 87 AMA 2605 - 05	No change No change No change No change
09	Weather - o - meter test: Colour retention Gloss retention Chalk resistance	ASTM D2244 - 93 ASTM D523 - 89 ASTM D4214 - 89	Max. 5 units after 10 years Min 50% after 10 years Max. 8 units for colors & 6 for white after 10 years
10	Salt spray resistance	ASTM B117 - 90	Pass (400 hrs X5% NaCl)
11	Humidity resistance	ASTM D2247 - 94	No blisters After 4000 hrs, 100% RH, 38°C

CONTACT US

HEAD OFFICE

88# Baiqiao Road
Zhangjiagang City, Jiangsu Province, China
sales @alucosun.com
+86 15052189380

EUROPE OFFICE

Paseo de la Independencia, 24 - 28, 7 - 8
50004, Zaragoza, Spain
europe @alucosun.com
+34 655676795

www.alucosun.com



ALUCOSUN

Celebrate with colors from Alucosun®. We bring a range of unlimited colors in various finishes and paint systems to chose with. Additional to standard range we custom colors and finishes. Let your creativity flow freely with us.

Though PVDF is the standard, FEVE, HDP, PE paint systems are used options of Alucosun® architectural products under various circumstances. We coat aluminium coils in our facility in compliance with AAMA and ECCA specifications.

SOLID AND METALLIC

Extensive range of Solid PVDF colors resulting in various base color pigment combinations with fluorocarbon resin are a peculiarity of Alucosun® Metallic Finishes which provides architectural panels with the look and feel of metal flakes nad metallic color pigments in Fluorocarbon resin metallic colors are generally available in different shades of Silver, Gold, Copper, Bronze, Brass, etc.

STONE AND TIMBER

replica finishes are produced using image-transfer technology in fluoropolymer coatings (PVDF / FEVE), provifing aluminium panels with exceptional protecion with the classic beuty of stone or timber.

CUSTOM COLORS AND FINISHES

Have you not found the color and finish you are looking for? If so tell us what is in mind we can make it real whether it is Solid bright, high-gloss colors, rich metallics, low-gloss natural tones, prismatic special effects and many more.

PRISMATIC

series is a combination of fluoro-polymer technology with special pigments to create unique color effects. Prismatic finishes can give the panel surface a sparkling effect or even change colors with different angles of lighting and across the day - dawn to dusk. Prismatic series will provide you with an opportunity to design with exotic elements like perfect color, gloss and effect.

DECORATIVE

Brush/ Mirror/ Anodized

Architectural panels with Brush and Mirror finish are specially treated aluminium surfaces with crystal clear coats of PVDF / FEVE resin to protect the panels and maintain an original look, even in harsh exterior applications with polished shine and look of brushed stainless steel. ANODIZED ACM panels are generally manufacture with finish of various metals which is available in lower widths. Anodized products are custom delivery schedule and are subject to Minimum Order Quantity

COLOR CHART

for exterior cladding

ENLIGHT YOUR INSPIRATION

ALUMINIUM COMPOSITE PANEL



METALLIC COLORS

Metallic color represents extravagance, wealth, riches and excess. PVDF paints provide a generous palette of colors to complement final appeal of your products and projects

AC 1001 Silver	AC 1002 Silver Metallic	AC 1003 Smoke Silver Metallic
AC 1004 Dark Silver	AC 1005 Champagne	AC 1006 Golden Silver
AC 1007 Daytona Gold	AC 1008 Copper Metallic	AC 1009 Grey Metallic
AC 1010 Dark Grey	AC 1011 Golden Champagne	AC 1012 Dark Pearl

FOR EXTERIOR CLADDING

SOLID COLORS

AC 2001 Pure White	AC 2002 Dark White	AC 2003 Milk White
AC 2004 Grey	AC 2005 Budding Green	AC 2006 Laurel Green
AC 2007 Pure Yellow	AC 2008 Red	AC 2009 United Blue
AC 2010 Matt Blue	AC 2011 Anthrazit Grey	AC 2012 Black

FOR EXTERIOR CLADDING

SPARKLING SERIES

AC 2018 Sparkling Ivory	AC 2014 Sparkling Green	AC 2015 Sparkling Red	AC 2016 Sparkling Black	AC 2017 Sparkling Blue
-------------------------	-------------------------	-----------------------	-------------------------	------------------------

GLOSS SERIES

AC 2020 Gloss Pure White	AC 2021 Gloss Silver Metallic	AC 2022 Gloss Heritage Grey	AC 2023 Gloss Jet Black
AC 2024 Gloss Lemon Yellow	AC 2025 Gloss Bright Orange	AC 2026 Gloss Red	AC 2027 Gloss Burgundy
AC 2028 Gloss Apple Green	AC 2030 Gloss Blue	AC 2031 Navy Blue	

FOR EXTERIOR CLADDING

ANODIZED

AC 0010 Gold Mirror	AC 0020 Silver Mirror
---------------------	-----------------------

PRISMATIC SERIES

AC 5001 Spectra Galaxy Blue	AC 5002 Prismatic Silver	AC 5003 Spectra Lava Red	AC 5004 Prismatic Violet
-----------------------------	--------------------------	--------------------------	--------------------------

BRUSHED SERIES

AC 4001 Silver Brushed	AC 4002 Gold Brushed	AC 4003 Dark Copper Brushed	AC 4004 Middle Bronze
------------------------	----------------------	-----------------------------	-----------------------

FOR EXTERIOR CLADDING