

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

ALUMINIUM PVDF COATING

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ALUCOSUN

COLOR CHART

for exterior cladding

ENLIGHT YOUR INSPIRATION
ALUMINIUM COMPOSITE PANEL

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 proteccion 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



METALLIC COLORS

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



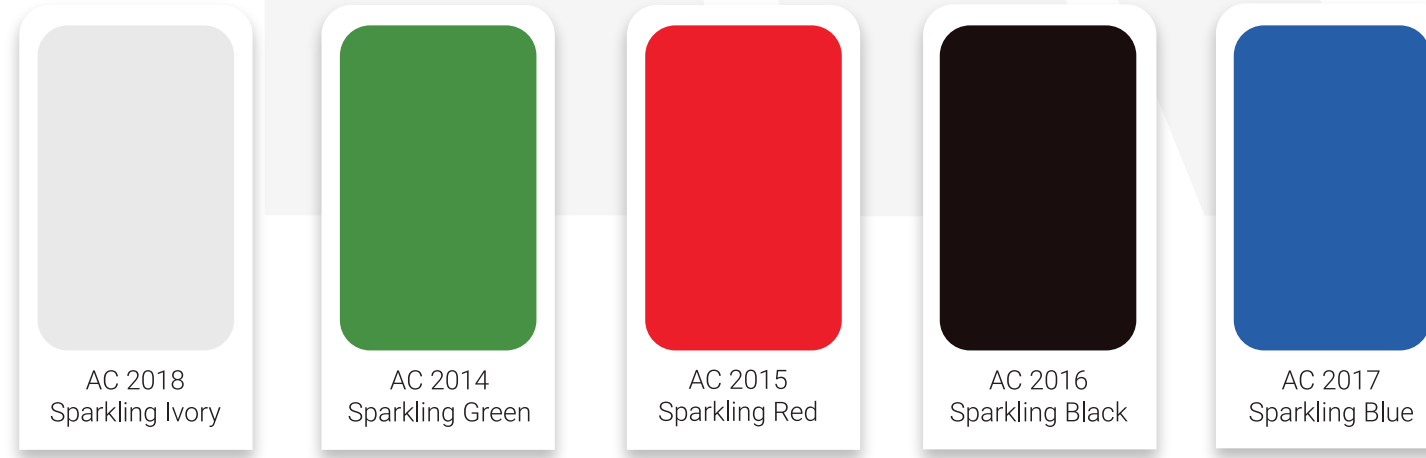
FOR EXTERIOR CLADDING

SOLID COLORS



FOR EXTERIOR CLADDING

SPARKLING SERIES



GLOSS SERIES



FOR EXTERIOR CLADDING

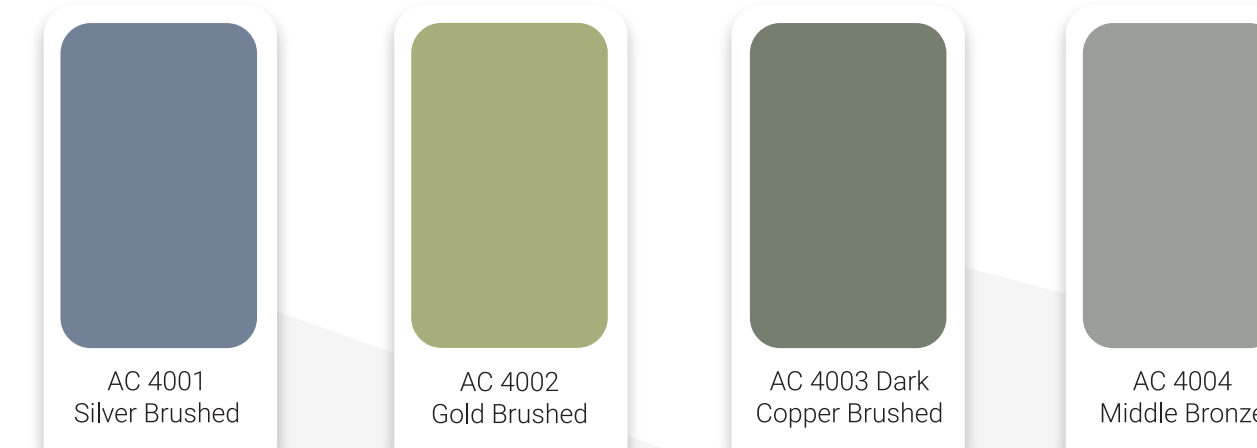
ANODIZED



PRISMATIC SERIES



BRUSHED SERIES



FOR EXTERIOR CLADDING