

ALUMINUM PVDF COATING

S.No	Parameters	Test Standard	Result
01	Gloss @ 60 degree	ASTM D 523	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 Thicknesst (µm)	100°C, 20 min.	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 AAMA 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 (400hrs X5% NaCl)
11	Humidity resistance	ASTM D2247-94	No blisters After 4000 hrs, 100 % RH, 38°C



Johns Architectural
Metal Solutions Inc

CONTACT US AT:
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800 E Porter St,
Crown Point, IN 46307



JAM PANEL
BRINGING DESIGNS TO LIFE

SOLID, METALLIC & SPECIAL
COLOR CHART

FOR EXTERIOR CLADDING

ALUMINIUM COMPOSITE PANEL / ALUMINIUM PLATE PANEL



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Though PVDF is the standard, FEVE, HDP, PE paint systems are used as options of the JAM PANEL architectural products under various circumstances. Our coils are coated in compliance with AAMA and ECCA specifications.

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STONE and TIMBER replica finishes are produced using image-transfer technology in fluoropolymer coatings (PVDF / FEVE), providing aluminum panels with exceptional protection with the classic beauty of stone or timber.

CUSTOM COLORS and FINISHES If you are not finding the color desired for your project, we offer custom colors matching color samples provided. Whether it is a solid, bright, high-gloss color, or rich metallics, low-gloss natural tones, to prismatic special effects, we have many options for your design.

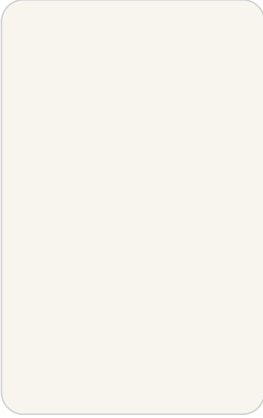
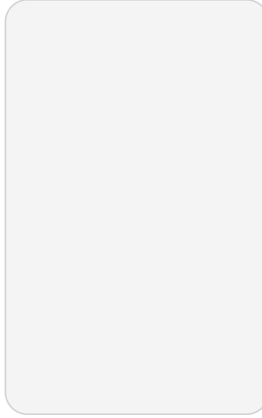
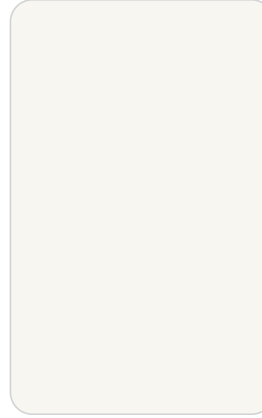
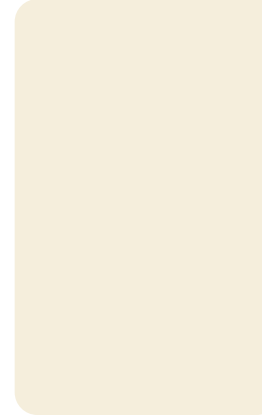
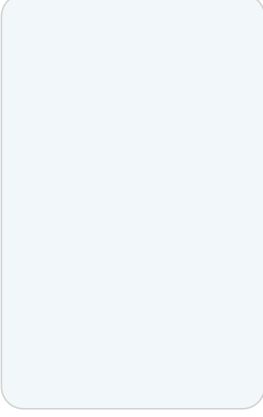
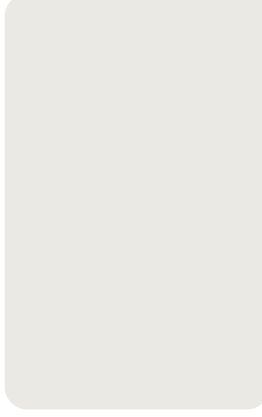
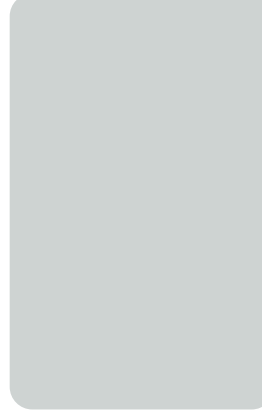
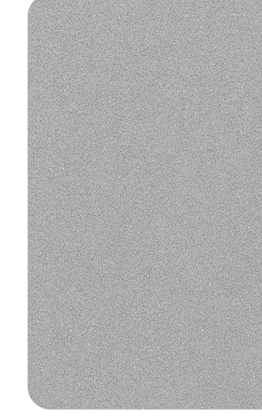
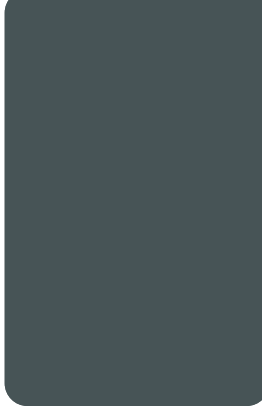
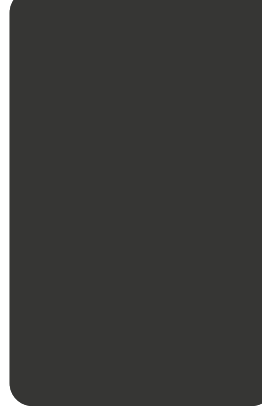
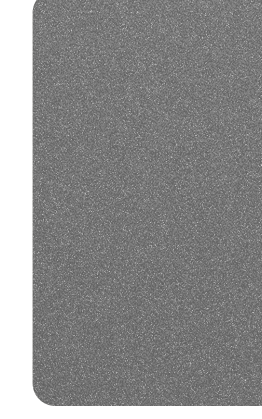
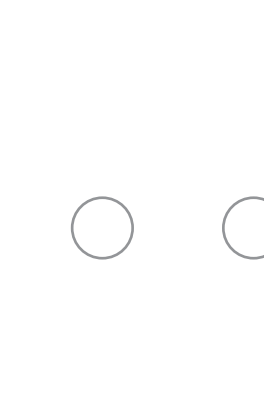
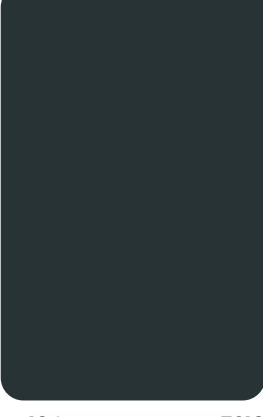
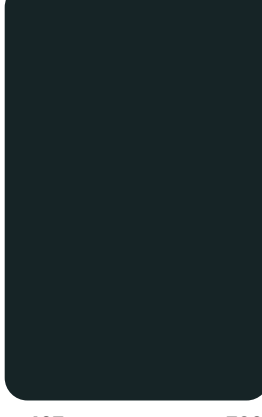
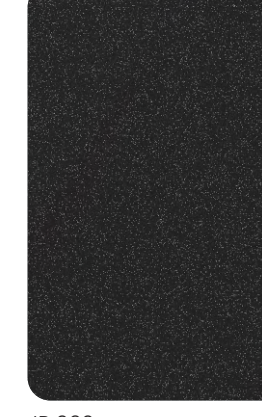
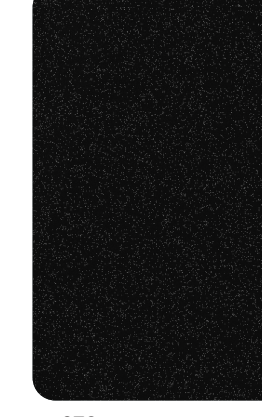
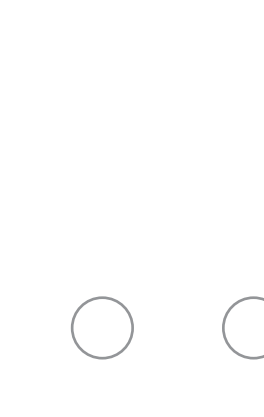
PRISMATIC series is a combination of fluoropolymer technology with special pigments to create unique color effects. Prismatic finishes can give the panel surface a sparkling effect or even change colors with different angles of lighting and across the day - dawn to dusk. The Prismatic Series will allow you to design with ultimate visual creativity.

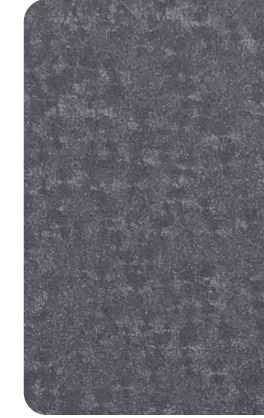
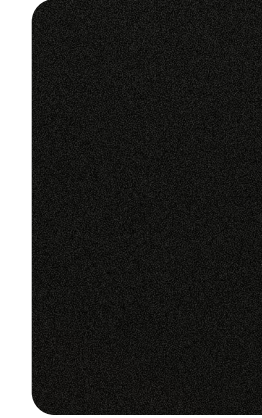
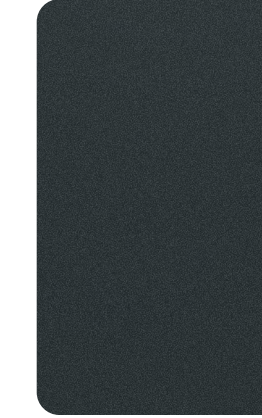
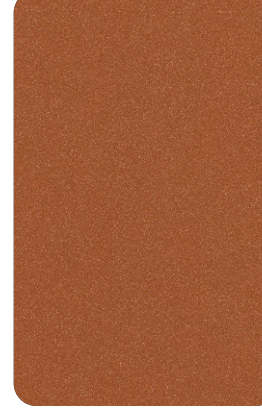
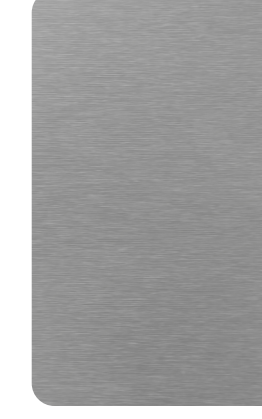
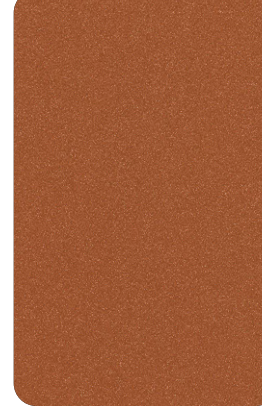
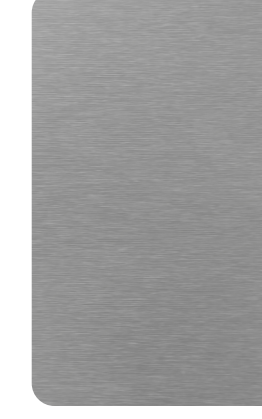
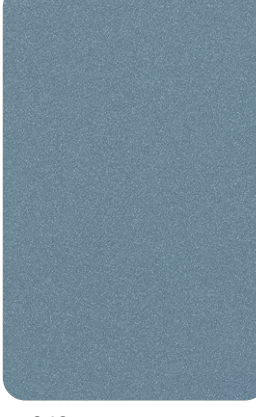
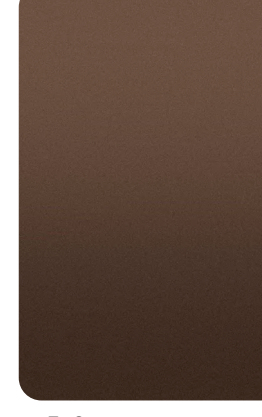
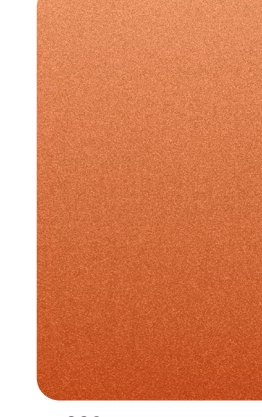
DECORATIVE (Brush / Mirror / Anodized) JAM Panels are offered with brush and mirror finishes. These are specially treated aluminum surfaces with crystal-clear coats of PVDF/FEVE Resin to protect the panels and maintain an original look; even in harsh exterior applications with polished, shine, and the look of brushed stainless steel. Anodized ACM panels are generally manufactured with an aluminum alloy of 1100, anodized with various possible finishes, but available in smaller widths. Anodized finishes are custom, which require additional lead times and subject to higher minimum orders.

SOLID COLORS

METALLIC COLORS

SPECIAL

									
JP 100 TRAFFIC WHITE	JP 102 SIGNAL WHITE	JP 101 PURE WHITE	JP 121 CREAM	JP 120 IVORY	JP 110 TRAFFIC YELLOW	JP 200 WHITE METALLIC	JP 263 CHAMPAGNE METALLIC	JP 200 WHITE METALLIC	JP 263 CHAMPAGNE METALLIC
									
JP 103 ARTIC WHITE	JP 160 GREY WHITE	JP 161 LIGHT GREY	JP 111 TRAFFIC ORANGE	JP 112 TRAFFIC RED	JP 113 BLOOD RED	JP 260 SILVER METALLIC	JP 266 LIGHT BRONZE METALLIC	JP 260 SILVER METALLIC	JP 266 LIGHT BRONZE METALLIC
									
JP 162 DUSTY GREY	JP 165 IRON GREY	JP 163 UMBRA GREY	JP 130 BROWN	JP 131 EUSKADI BROWN	JP 150 YELLOW GREEN	JP 261 GREY METALLIC	JP 265 TITANIUM METALLIC	JP 261 GREY METALLIC	JP 265 TITANIUM METALLIC
									
JP 164 ANTRACITE GREY	JP 167 BLACK GREY	JP 170 BLACK	JP 141 GENTIAN BLUE	JP 140 ULTRAMARINE BLUE	JP 262 DARK GREY METALLIC	JP 270 CARBON METALLIC	JP 262 DARK GREY METALLIC	JP 262 DARK GREY METALLIC	JP 270 CARBON METALLIC

																							
JP 210 GOLD METALLIC	JP 230 COPPER METALLIC	JP 500 GLISTERING SNOW	JP 566 TERRA SLATE	JP 570 WRINKLE BLACK ROUGH	JP R171 JET BLACK	JP 120 JET ANTRACITE	JP 600 NATURAL MIRROR	JP 210 GOLD METALLIC	JP 231 INTENSE COPPER METALLIC	JP 588 ANODIC LIGHT	JP 810 GOLD BRUSHED	JP 832 AGED COPPER BRUSHED	JP 561 BRIGHT BRUSHED	JP 300 SPARKLING WHITE	JP 301 ONYX WHITE GOLD	JP 210 GOLD METALLIC	JP 232 TERRACOTA	JP 589 ANODIC DARK	JP 830 BRONZE BRUSHED	JP 862 ZINC BRUSHED	JP 860 MATT BRUSHED	JP 511 IRIDIUM ALASKA	JP 340 AZURITE BLUE GREEN
																							
JP 264 BRONZE METALLIC	JP 231 INTENSE COPPER METALLIC	JP 588 ANODIC LIGHT	JP 810 GOLD BRUSHED	JP 832 AGED COPPER BRUSHED	JP 561 BRIGHT BRUSHED	JP 300 SPARKLING WHITE	JP 301 ONYX WHITE GOLD	JP 240 BLUE METALLIC	JP 5P0 ANODIC SHADE	JP 831 BRASS BRUSHED	JP 861 GREY BRUSHED	JP 587 PURE	JP 330 RED GOLD	JP 240 BLUE METALLIC	JP 240 BLUE METALLIC	JP 240 BLUE METALLIC	JP 5P0 ANODIC SHADE	JP 831 BRASS BRUSHED	JP 861 GREY BRUSHED	JP 587 PURE	JP 330 RED GOLD	JP 240 BLUE METALLIC	JP 240 BLUE METALLIC

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JP 514
CORTEN



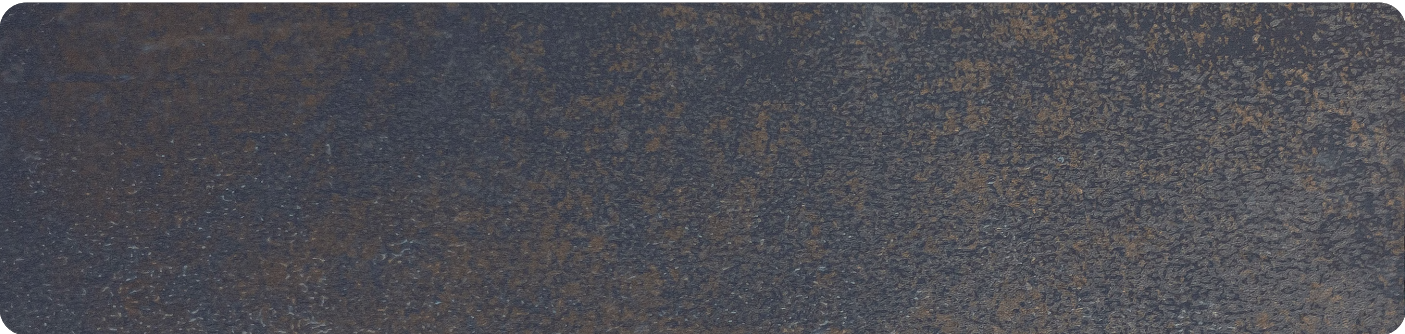
JP 701
SILVESTRE



JP 515
DARK CORTEN



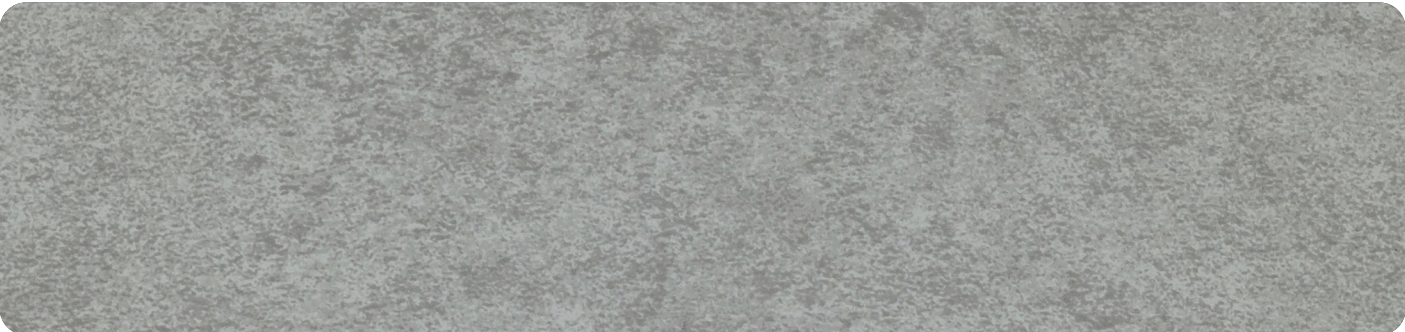
JP 702
TRAVERTINO



JP 516
BLUE CORTEN



JP 703
CALIZA MARBELLA



JP 569
WASHED CONCRETE



JP 501
MOON CONCRETE



JP 413
FRENCH OAK



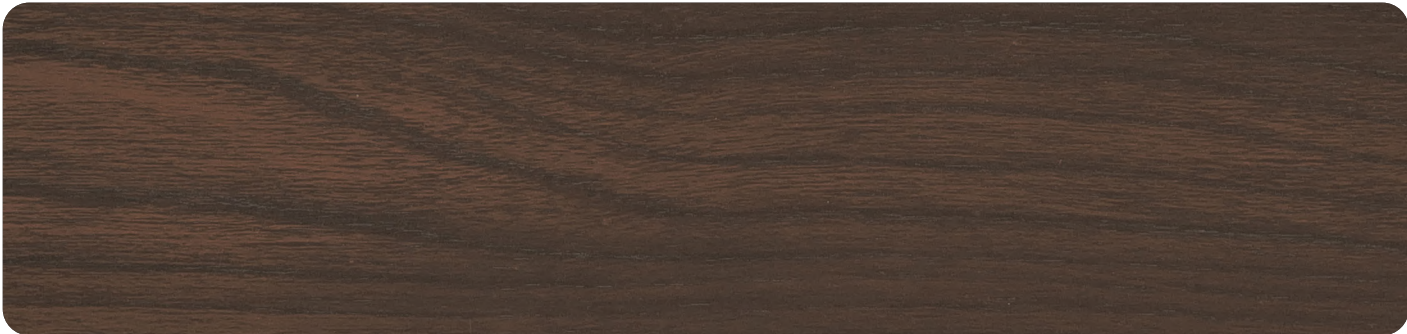
JP 408
PATINA OAK



JP 411
AFZELIA DOUSSIE



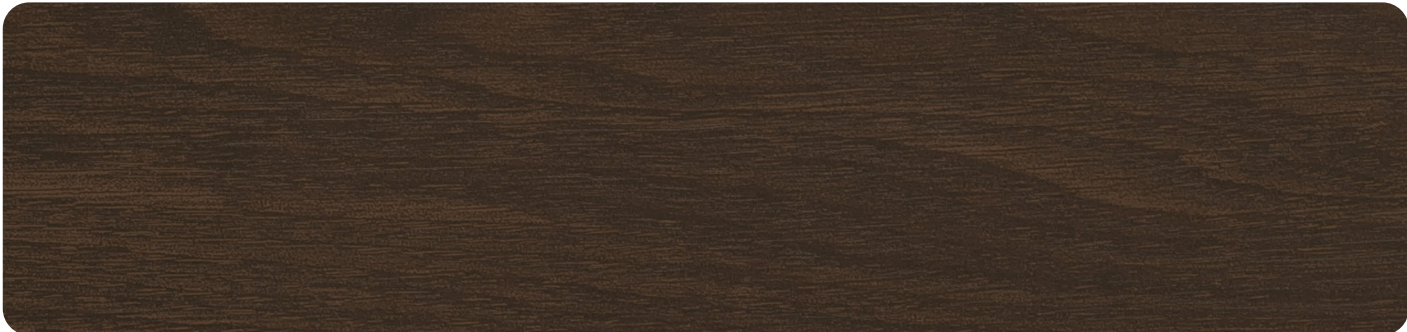
JP 407
CREAM OAK



JP 410
AGED OAK



JP 412
AMERICAN OAK



JP 409
SMOKED CHESTNUT



JP 406
FRENCH WALNUT