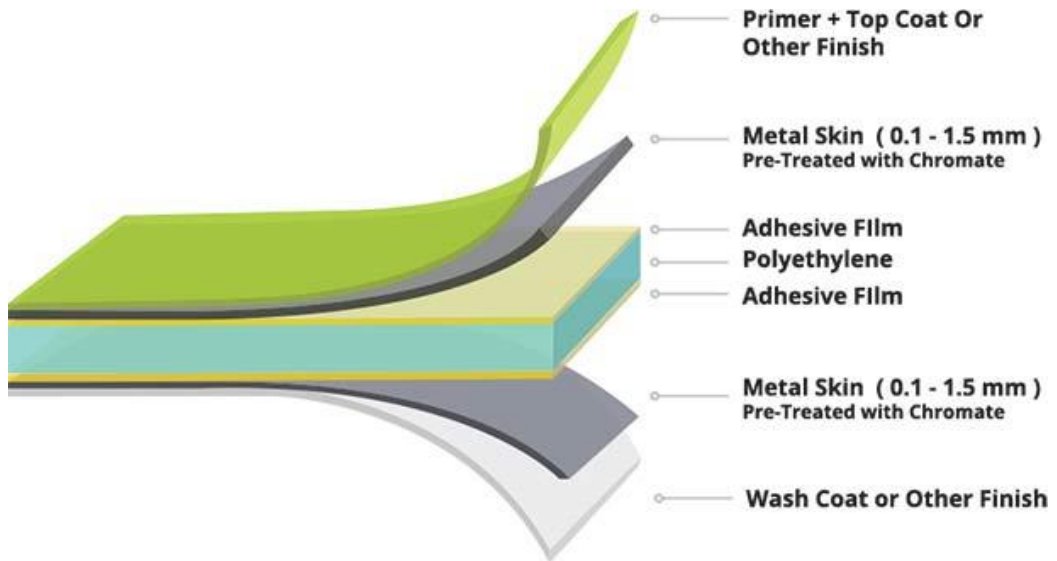




Traditional composite panels paired with specialty metal finishes

ALCOPLA’s Composite Panels are coil-coated with PVDF (KYNAR 5000) resin-based polyvinylidene fluoride, then put through a high temperature stove of approximately 287° C. This process ensures an even balance of color, gloss, consistence, weather tolerance, corrosion resistance, and color retention on all ALCOPLA panels. The bottom side is treated with conversion coating or wash-coated to provide long term corrosion resistance.

ALCOPLA’s Composite Panels are also available in a variety of different finishes—such as Physical Vapor Deposition (PVD), anodized, and other specialty finishes. In addition, ALCOPLA FR is offered as a fire-ready product. ALCOPLA FR has slightly different components and equal performance. It is certified through NFPA285, ASTM E119 and ASTM E84 testing.



Alcopla -- Xxentria Technology		
Physical Properties		
Panel thickness (mm)	4.0	
Aluminum Thickness (mm)	0.5	
Weight (kg/m2)	5.5	
Strength Test	ASTM Test	Test Results
Ultimate Compressive Strength (psi)	C365	3,000
Bonding Strength (in-lbs/in)	D1781	>50
Tensile Strength (psi)	D638	5,900 - 6,800
Tensile Modulus (psi)	D638	1.3X106
Flexural Strength (psi)	D790	15,000 - 17,000
Flexural Modulus (psi)	D790	2.0X106