



Finish Definitions

Anodizing: Also known as electrolytic passivation, anodizing is the process used to increase the thickness of the natural oxide layer of the aluminum surface. Anodizing increases corrosion and wear resistance, surface hardness and allows for selective dyeing or coloring although minor color variation is inherent in the process. We offer a standard selection of anodized finishes. Custom anodized finishes are rarely produced due to the nature of the process. Anodizing is environmentally safe emitting zero volatile organic compounds (VOCs).

Powder Coating: Powder Coating is an electrostatic application of a dry powder that is then cured by heat to form a durable cover skin over the aluminum substrate. Powder coat finishes are more durable than liquid paints with very little color variance. Custom powder coat finishes are offered by Gage 78 in addition to our standard powder coat finishes. Powder coating is also kind to the environment and emits zero VOCs.

PVDF Coating: PVDF (polyvinylidene fluoride) is a highly non-reactive plastic fluoropolymer used in high end liquid paints. PVDF coatings provide superior chemical and heat resistance making it an excellent choice for exterior architectural applications.

PVDF coatings offer superb color retention and consistency. It is also the best choice for specifiers looking for custom colors and finishes most of which we can mix in-house. This process does emit VOCs but they are totally contained within the manufacturing process.