



## **Southern Aluminum Finishing Company**

Call 800-241-7429 for more information.

Thank you for your inquiry for applying a Duranar high metallic paint with XL topcoat, PPG Sunstorm, Valspar Classic II, or other 2-coat, ceramic pigmented PVDF coating with a metallic appearance. We are pleased to quote you on your needs. We have extensive experience with these coatings. We require you to acknowledge that there will be color variation, and we may require approval of our color standards. This letter explains why.

1. There will be color variation between pieces and within pieces. The General Contractor, Glazier, Roofing Contractor, Architect, and owner must all understand this variation.
2. This variation is due to normal variations in application technique on a production line. Exposed surfaces more than one spray gun pass wide (about 18") will reveal more variation than narrow extrusions. Panels more than 18" wide will sometimes show "lap marks" when viewed at certain angles, under certain lighting, at certain times of day, or from a certain distance. These marks are often impossible to see in a factory situation. This makes QC'ing a job extremely difficult.
3. Because of the inherent variation in production lines, it is generally not a good idea to place material from one applicator adjacent to material from another applicator. Even metal painted at two different times on the same production line will probably be different colors. There will almost certainly be differences in color, even when the paint comes from the same batch. Moreover, batch-to-batch variations in the paint itself can be severe. This problem can be minimized, but NOT eliminated, by requiring each applicator to submit production samples that all members of the construction team must approve. Sample chips will also vary from the actual production run. This is especially true when the paint vendor supplies the lab samples.
4. The color of the pieces will change with viewing angle. This is due to the flop of the flakes within the coating. These flakes give the coating a depth of color that is visually exciting, but it also makes perfect color uniformity unattainable. This viewing angle effect also puts a premium on straight line installation. Panels that appear the same color when viewed in the same plane will look different if only a few degrees out of level.

Southern Aluminum Finishing will take all possible care to give as uniform a job as we are capable, but the job **WILL NOT BE AS UNIFORM IN APPEARANCE AS A SOLID, OPAQUE PAINT COLOR. THERE WILL BE COLOR VARIATION.** While mica based coatings do not have quite as much variation as metallic coatings, they can still show color variation. We recommend mica coatings as a possible alternative to metallics for improved uniformity but micas should not be regarded as failsafe.