

Duranar PVDF Coating Layers

Two - Coat Solids & Micac – Two coat systems consist of a primer and a color coat. These are used with solid and mica containing colors. Micac offer a pearlescent sparkle and are a very UV durable mineral pigment that does not require clear coating. Performance is excellent and will meet the requirements of most environments.

Three – Coat Metallics (XL Clear coat) – Three coat systems consist of a primer, color coat and clear coat. Clear coats are mandatory with any coating containing a metallic flake. The clear coat encapsulates the metallic flake and protects the metal from UV exposure. Without the clear coat the aluminum flake would tarnish, darken and change color.

Clear coats offer superior performance to other coating systems:

Chalking - Coatings with a clear coat will not chalk since there are no pigments formulated in the paint film. Pigments degrade from UV exposure and chalk and erode from a coating surface.

UV Protection - The clear coat also enhances UV protection and will resist color fade more than a two-coat system.

Seacoast - Clear coats are recommended for seacoast environments as another barrier to salt penetration and clean easily the residue on the painted surface.

Industrial – Clear coats protect the painted surface from industrial chemical fall out and acid rain guarding the pigmentation from discoloration.

Graffiti Resistance – PPG has clear coat formulas that will resist graffiti and other destructive elements. PPG offers Graffiti removers that have been tested with our clear coats with excellent results.

Four-Coat (Barrier Coat) – Four coat systems consist of a primer, barrier coat, color coat and clear coat. Barrier coats are used when certain colors are semi-transparent allowing UV to penetrate the surface. Barrier coats are applied over the primer to protect it from UV degradation. Barrier coats also allow more precise color matching based on a uniform white background to use as a base.