

IG Railing Hardware Finishes

IG Railing® uses PVDF coatings for our hardware in matte black finish. All polished stainless steel finish is highly polished to a mirror finish with additional coatings. Both products make exceptional choices for exterior or interior applications. Our finishes perform at a level equivalent to AAMA 2605 standards.

PVDF is the abbreviation for polyvinylidene fluoride. This polymer is part of a class of materials known as fluorocarbons or fluoropolymers, which are characterized by high thermal stability and excellent chemical resistance. PVDF produces one of the best balances of strength, chemical resistance and temperature tolerance of any coating available.

Properties of PVDF Coatings:

- Excellent abrasion resistance.
- Good thermal stability.
- Resistance to ultraviolet light (UV) and high energy radiation.
- High resistance to creep under long stress.
- High resistance to fatigue during cyclic loading.
- High dielectric strength.
- Resistance to most chemicals and solvents.