



About Hampton Extruded Rail System

INTEX Millwork Solutions uses a proprietary cellular PVC (Poly Vinyl Chloride) extrusion in our INTEX Hampton Rail System. These extrusions are produced to the same exacting standards as the extrusions made for windows in the fenestration industry.

It all starts with the raw materials. Our advanced formula contains exterior grade, weatherable polymers, which produce products that have been proven to keep their beauty year after year. Critical components of our compound are specially formulated with UV inhibitors for superior performance and durability even in the worst climate conditions. The TiO₂ (Titanium Dioxide) content in the formulation is the same our window and door profiles; therefore, the product never needs to be painted. Profiles are tested under the weathering requirements of AAMA 308-08 “Voluntary Specification for Cellular Poly Vinyl Chloride (PVC) Exterior Profiles”. Extrusions are weathered in accordance with ASTM D 4726.

INTEX Hampton Rail is extruded, not machined from sheet or boards. It has a tight uniform cell structure, which means the density of the product is consistent. This consistency means better cutting and fabrication of the material. Due to the raw material formulation and tight cell structure, the end cut can be exposed without concern over a porous appearance or yellowing due to weathering.

Another benefit to the extruded profile is its aesthetics. The extrusion tooling developed to produce this profile gives it definition unlike other extruded rails. The edges are crisp and the surface is abraded to eliminate the gloss found in most extrusions. This process gives the profile a finish similar to painted wood. In the event that a different color is required, the unique surface treatment provides an excellent surface to accept paint (LRV or Light Reflective Value 55 or greater meaning no dark colors).

Since the product is extruded 100% cellular PVC, no additives or adhesives are used in the process to produce these profiles. Any scrap generated from extrusion or fabrication is recycled into other products. This reduces the amount of process and construction waste destined for landfills.