

Imperial **5C** Thresholds

Versatility and durability for high-performance entry door applications

Exterior door certification requirements in Canada have led to breakthroughs in threshold design that are adaptable to expanded widths, while virtually eliminating air and water infiltration. Imperial 5C Thresholds are ideal for high-end applications that require the very best performance and long-term durability.



Adaptable to Expanded Door Widths

Imperial 5C Thresholds are one of the most robust offerings on the market, incorporating a thicker aluminum sill with a height of 1-5/8" and widths beyond industry norms. For optimal adaptability to a variety of designs, Imperial 5C Thresholds are available in 4-9/16" & 6-9/16" widths. To achieve widths as great as 11" fabricators only need to inventory one common extender series for added convenience and efficiency. Available in all configurations such as single, CSL, patio and French. Inswing, outswing and combination sill configurations are possible.

Premium Seals to Virtually Eliminate Water Infiltration

Imperial 5C Thresholds incorporate the patented ImperiSeal™ technology, a patented continuous filament that positively seals the adjusting rail to the deck of the sill, thus eliminating any chance of water intrusion through the threshold. Because of the tucked design of the rail and sill, these thresholds have a unitary exposure surface, providing superior performance and eliminating the need for sill pans.

Pleasing and Durable Aesthetics

The solid-extruded cellular PVC rail and nose used in Imperial 5C Thresholds are extremely resilient, standing up to long-term exposure to temperature changes, wind and snow loads. And, because of the intelligent mix of materials, the composite resists weathering and will retain its color and natural-looking wood appearance long term – with no staining or painting required.

Intelligent, Easy-to-Install Design

Precision-engineered rails adjust upward and downward using flush screws, while the rail interlocks with a high-dam aluminum seal for complete, easy-to-achieve protection against air and water infiltration. Imperial 5C Thresholds also use counter-beveled, one-piece screws so that the system can be easily adjusted for the life of the product using a common No. 2 or 3 Phillips-head screwdriver.

Meets or Exceeds Industry Requirements

All Imperial 5C Thresholds meet safety requirements for commercial and residential applications, and are certified to exceed air and water infiltration requirements in excess of PG40.

Quanex Building Products offers a complete suite of high-performance door products, including Imperial thresholds, astragals, weather seals, door jambs and multipoint locks that are designed to provide simplicity, improve energy performance and reduce or eliminate air and water infiltration.

