



EverNew® vinyl deck and railing products meet stringent requirements for quality and performance. Safe, secure and durable, our deck and railing systems are engineered to provide years of worry-free enjoyment.

Why take chances?

All vinyl products are not created equal. EverNew deck and railing has been tested according to the standards of the ICC (International Code Council), an independent agency dedicated to developing standards for building safety. All three of our vinyl railing systems are listed with the ICC-ES as designated in report number ESR-1555 (Kingston) and NER-605 (Oxford and Cambridge).

EverNew is part of the CertainTeed family of products — a trusted name in building materials for the last century. CertainTeed stands behind the EverNew line with exceptional lifetime limited warranty protection, for your added assurance of quality and safety.

Performance that lasts

EverNew deck and railing products are designed to maintain their integrity over time. Products made of wood weaken over time — especially after prolonged exposure to the elements. This is an important concern if you're installing railing as a safety barrier on balconies and stairs.

EverNew ensures long-lasting performance by building security into every deck and railing system. Our railing features heavy-duty, aluminum-reinforced top and bottom rails for enduring strength. EverNew offers corrosion-resistant aluminum rail mount brackets with vinyl trim covers that provide critical protection from the elements.

Details make the difference

EverNew deck and railing offers everything you need to install with confidence:

- Routed railing systems for superior rail-to-post connections
- Heavy-duty, aluminum-reinforced rails offer exceptional durability
- Aluminum rail mount brackets provide added strength
- Secure metal-to-metal, rail-to-post connections
- Railing heights approved for deck, balcony, porch and stair applications
- Non-slip, splinter-free deck surfaces
- Lifetime limited warranty with exclusive SureStart™ parts and labor protection over 5 years

Code Approval Information

What is the ICC?

The ICC (International Code Council) is an independent, nonprofit organization responsible for the development of national model construction codes. The ICC was formed by the Building Officials and Code Administrators International, Inc. (BOCA), the International Conference of Building Officials (ICBO) and the Southern Building Code Congress International, Inc. (SBCCI). The ICC combined the efforts of these three organizations to produce a single set of comprehensive and coordinated requirements for building safety. Among the codes developed by the ICC are the IRC (International Residential Code) and the IBC (International Building Code).

ICC Evaluation Service, Inc. (ICC-ES) is the leading source of technical information on building codes, products and technology in the United States. ICC-ES conducts technical evaluations of building products, components, methods, and materials. Building industry professionals look to ICC-ES evaluation reports for evidence that products and systems meet code requirements.

What is the International Residential Code?

The IRC (International Residential Code) is the culmination of the standards established by the three model building code groups (BOCA, ICBO and SBCCI). The IRC addresses the design and construction of one- and two-family dwellings and multiple single-family townhouses constructed in a group of three or more units, with at least two sides of the unit exposed from foundation to roof, not more than three stories in height.

What is the International Building Code?

The IBC (International Building Code) also combines the standards established by BOCA, ICBO and SBCCI. The IBC addresses the design and installation of building systems through requirements emphasizing performance. The provisions of this code apply to the design and construction of all buildings and structures, except for the buildings and structures that comply with the IRC.

What are the requirements of the IRC?

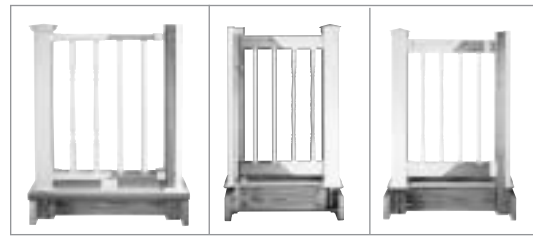
The IRC stipulates that railing products meet the following criteria:

- Porches, balconies or raised floor surfaces more than 30" above grade
- Flat rails not less than 36" in height
- Stair rails not less than 34" in height, measured vertically from the nose of the tread
- Floor spacing on flat applications of not more than 4"
- Baluster spacing on flat applications of not more than 4"
- Triangular openings on open sides of stairways not more than 6"

How does a product achieve IRC compliance?

In order to achieve IRC compliance, a product must go through a stringent evaluation process:

- An independent testing agency approved by the ICC must test the product for compliance, supplying certified test results upon completion



- Railing must comply to a single load of 200 lbs. applied at any point along the top rail

Note: Because vinyl railing systems are considered an alternative material, design, or method of construction, load requirements have an additional factor of safety of 2.5, exception for deflection requirement (test should show a 500 lb. sustained load capacity to any direction along the top rail).

What are the requirements of the IBC?

The IBC includes the following requirements:

- Open walking surfaces, mezzanines, industrial equipment platforms, stairways, ramps and landings which are located more than 30" above grade
- Flat rails not less than 42" in height
- Stair rails not less than 34" and not more than 38" in height measured vertically from the nose of the tread
- Floor spacing on flat applications of not more than 4"
- Baluster spacing on flat applications of not more than 4"
- Triangular openings on open sides of stairways not more than 6"

How does a product achieve IBC compliance?

To attain IBC compliance, a product must go through a stringent evaluation process, which includes:

- An independent testing agency approved by the ICC must test the railing product for compliance, supplying certified test results upon completion
- A concentrated load test of 50 lbs. per lineal foot applied at any point along the top rail
Note: Because vinyl railing systems are considered an alternative material, design, or method of construction, load requirements have an additional factor of safety of 2.5, exception for deflection requirement.
- Supporting data where necessary to assist in the approval of materials or assemblies not specifically provided for in the code, i.e., valid research reports from approved sources

Which EverNew vinyl deck and railing products comply with the ICC standards?

EverNew is pleased to report that our vinyl decking and all three of our vinyl railing systems comply with the standards established by the ICC. The Kingston railing system is officially listed with the ICC-ES as designated in report number ESR-1555. The Oxford and Cambridge railing systems are listed in report number NER-605.

Always check with your local or state building official(s) for state adoption and local amendments.

CertainTeed

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