



Stair Code Compliance

September 3, 2020

Stair Zone designs all stairways based on design criteria specified by our customers. Although Stair Zone makes every effort to design custom stairways that meet building codes, Stair Zone may not be able to guarantee that a stairway design meets all applicable code requirements. Stair Zone invites our customers to research code requirements when submitting stairway design criteria. Please consider the following when determining design criteria for a stairway:

1. Stair Zone offers several guardrail and tread configurations that are compliant with federal OSHA code §1910.25. However, state-specific OSHA code may carry additional requirements that Stair Zone is unaware of.
2. Stair Zone offers several guardrail and tread configurations that are compliant with IBC §1011. However, IBC requirements for tread width and guardrail type vary based on occupancy load (IBC §1011.2) and occupancy type (IBC §302 and §1015.4).
3. StairZone.com's unique online stair builder allows customers to design and purchase stairways that are not code compliant. Such stairways are to be designed and installed at the customer's discretion.
4. Municipalities often have their own code standards that include requirements other than those specified by OSHA code and IBC. Compliance to these requirements can only be verified by your local inspector's office.
5. Stair Zone designs are typically not aligned with IRC or other residential code standards. Customers purchasing custom stairways for use in a residential application are asked to inform Stair Zone of applicable code requirements.
6. All codes that apply to any stairway installation are subject to interpretation by the customer's local inspector.

If a customer has a question regarding code compliance, a Stair Zone representative will be happy to recommend design choices based on our understanding of known applicable codes. In all cases, Stair Zone recommends reviewing stairway designs with your local inspector's office prior to submitting signed approval.

Federal OSHA and IBC standards for stairways can be found online at these web links:

IBC §1011: <https://codes.iccsafe.org/content/IBC2018/chapter-10-means-of-egress>

OSHA §1910.25: <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.25>