

R311.7.10.1 SPIRAL STAIRWAYS

The ARKÈ 63 inches diameter spiral staircase kit is designed to meet the standard requirements as defined by the IRC code as relates specifically to spiral staircases.

R311.7.10.1 Spiral stairways. *Spiral stairways are permitted, provided the minimum clear width at and below the handrail shall be 26 inches (660 mm) with each tread having a 7 1/2-inches (190 mm) minimum tread depth at 12 inches from the narrower edge. All treads shall be identical, and the rise shall be no more than 9 1/2 inches (241 mm). A minimum headroom of 6 feet 6 inches (1982 mm) shall be provided.*

The ARKÈ 63 inches diameter staircase kit meets the following requirements:

- ♦ The width of the tread when measured from the inside edge of the center pole to the inside edge of the handrail is a minimum of 26 inches;
- ♦ The clear tread depth when measured from the inside edge of the center pole 12 inches into the total tread width is 7 1/2 inches;
- ♦ The rise between treads when installed with the recommended number of stair tread risers as required for the installation height will not exceed 9 1/2 inches;
- ♦ The minimum headroom when installed with the proper number of stair tread risers as required for the installation height is 6 feet 6 inches;
- ♦ The balusters are positioned so that a 4-inch sphere cannot pass between the balusters on each stair tread;
- ♦ All stair treads are identical in size;

Ultimately the question of code compliance is a local matter. A municipality may have its own specific requirements. Local building inspectors and code compliance officers may have different interpretations of the International Residential Code (IRC), or the older ICBO, CABO, or SBCCI codes. Some municipalities may have specific handrail, baluster, and stair tread riser requirements. Often the local code requirements for a secondary stair or a stair that serves an open loft area may differ from the IRC requirements as defined in section R311.7.10.1 noted above.

****It is ultimately the responsibility of the customer to consult with the local building inspector or code compliance office for information with respect to the local code requirements.****

