

2021 Virginia Construction Code

APPENDIX I PATIO COVERS

SECTION I105 STRUCTURAL PROVISIONS

I105.1 Design loads.

Patio covers shall be designed and constructed to sustain, within the stress limits of this code, all *dead loads* plus a minimum vertical *live load* of 10 pounds per square foot (0.48 kN/m²) except that snow *loads* shall be used where such snow *loads* exceed this minimum. Such patio covers shall be designed to resist the minimum wind and seismic loads set forth in this code.

I105.2 Footings.

In areas with a frost depth of zero, a patio cover shall be permitted to be supported on a concrete slab on grade without footings, provided that the slab conforms to the provisions of [Chapter 19](#) of this code and is not less than 3½ inches (89 mm) thick, and the columns do not support *loads* in excess of 750 pounds (3.36 kN) per column.

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