

# GG160-14

## 202 (New), 408.2.4

**Proponent:** Brenda Thompson, Clark County Development Services, Las Vegas, NV, Chair, ICC Sustainability, Energy and High Performance Code Action Committee (SEHPCAC)

**Delete without substitution:**

### SECTION 202 DEFINITIONS

~~**PERVIOUS CONCRETE.** Hydraulic cement concrete with distributed, interconnected macroscopic voids that allows water to pass through the material with little resistance.~~

**Add new definition as follows:**

### SECTION 202 DEFINITIONS

**PERMEABLE PAVEMENT.** Pavement constructed of materials that allow water to pass through.

**Revise as follows:**

~~**408.2.4 Pervious and Permeable pavement.** Pervious and Permeable pavements including open grid paving systems and open-graded aggregate systems shall have a percolation rate of not less than 2 gallons per minute per square foot (100 L/min × m<sup>2</sup>). Pervious and Permeable pavement shall be permitted where the use of these types of hardscapes does not interfere with fire and emergency apparatus or vehicle or personnel access and egress, utilities, or telecommunications lines. Aggregate used shall be of uniform size.~~

**Reason:** Section 202 contains a definition for pervious concrete, as regulated by Section 408.2.4, but lacks a definition of 'permeable pavement'. The intent of adding this definition is for consistency and clarity. The proposed definition uses the same basic definition contained in 'pervious concrete' but without the reference to concrete so as not to conflict with that definition. This proposal further simplifies the definition so that it would apply to, and the code would allow compliance with, more types of paving materials. Note that Section 408.2.4 contains requirements for the amount of water that must be allowed to pass through permeable pavement and at what rate. As separate proposal by the SEHPCAC deletes the definition of "pervious concrete" and the term "pervious" from Section 408.2.4.

The term "pervious" is proposed to be deleted here because the term "permeable pavement" includes pervious. Pervious concrete is defined in Chapter 2 of the IgCC, but that specific term is not used anywhere in the code. Therefore, this proposal also deletes the definition of "pervious concrete."

This proposal was submitted by the ICC Sustainability Energy and High Performance Code Action Committee (SEHPCAC). The SEHPCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance International Codes with regard to sustainability, energy and high performance as it relates to the built environment included, but not limited to, how these criteria relate to the International Green Construction Code (IgCC) and the International Energy Conservation Code (IECC). This includes both the technical aspects of the codes as well as the code content in terms of scope and application of referenced standards. In 2012 and 2013, the SEHPCAC has held six two-day open meetings and 50 workgroup calls, which included members of the SEHPCAC as well as any interested parties, to discuss and debate proposed changes and public comments. Related documentation and reports are posted on the SEHPCAC website at: <http://www.iccsafe.org/cs/SEHPCAC/Pages/default.aspx>.

**Cost Impact:** Will not increase the cost of construction.

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