



Designation: E 2151 – 04₂

Standard Terminology of Guides for Specifying and Evaluating Performance of Single Family Attached and Detached Dwellings¹

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1. Scope

1.1 This terminology relates to a set of Standard Guides for Specifying and evaluating Performance of Single Family Attached and Detached Dwellings under the jurisdiction of ASTM Committee E06 on Performance of Buildings. It does not necessarily correspond to the terminology used in other areas of building regulation and housing research.

DEFINITIONS

attached dwelling, *n*—two or more dwelling units, each with an independent means of entry and means of egress, that are connected to each other at a common wall, but not by a common floor/ceiling.

commentary, *n*—the fourth part of a performance statement, consisting of an informative narrative explaining aspects of the performance statement.

DISCUSSION—A commentary may include one or more of the following: an explanation of how the objective relates to user needs in fields such as physiology, psychology, and culture or tradition; an explanation of how the criteria are established including guides for setting different levels of performance to meet various user needs; a discussion of the reliability of the evaluation method; and example solutions that may be deemed by the specifier to comply with the performance statement.

criteria, *n*—the second part of a performance statement, consisting of quantitative statements defining the level or range of performance necessary to meet an objective or, where such a level or range cannot be established, the units of measurement of the performance.

dwelling unit, *n*—a unit providing complete independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking, and sanitation.

evaluation, *n*—the third part of a performance statement, consisting of the method(s) of assessing conformance of the element being addressed to the criteria

DISCUSSION—The evaluation states the standards, inspection methods, review procedures, historical documentation, test methods, in-use performance, engineering analyses, models, or other means to be used in assessing whether or not a criterion has been satisfied.

objective, *n*—the first part of a performance statement, consisting of a qualitative statement of the performance to be provided by the built element being addressed in order to satisfy a particular user need.

performance statement, *n*—an essential part of a performance standard that addresses a specific attribute in terms of an element in a hierarchy of built elements, and consists of four related parts: objective, criteria, evaluation, and commentary.

provider, *n*—the individual or organization providing specific dwelling designs, materials, products, components, subsystems, or buildings for acceptance by the specifier.

systems integrator, *n*—the individual or organization within a provider who is responsible for responding to performance statements at the highest level of the hierarchy of built elements and for assigning the responsibility for responding to performance statements at lower levels to others, such as subcontractors, suppliers, or product manufacturers.

¹ This terminology is under the jurisdiction of ASTM Committee E06 on Performance of Buildings and is the direct responsibility of Subcommittee E06.66 on Performance Standards for Dwellings.

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