

GEW77-14

202 (New), 605.1.2.1

THIS CODE CHANGE PROPOSAL IS ON THE AGENDA OF THE IgCC GENERAL CODE DEVELOPMENT COMMITTEE. SEE THE HEARING ORDER FOR THE IgCC GENERAL CODE DEVELOPMENT COMMITTEE.

Proponent: Jason Wilen, National Roofing Contractors Association, representing National Roofing Contractors Association (NRCA) (jwilen@nrca.net)

Revise as follows:

605.1.2.1 Air barriers. A continuous air barrier shall be provided for buildings in climate zones 1 through 8 in accordance with Section C402.4.1 of the *International Energy Conservation Code*. The exception in Section C402.4.1 of the *International Energy Conservation Code* shall not apply.

Exception: Provided the energy use of the building is not increased, air barriers shall not be required for roof repair, roof recover, and roof replacement where the alterations, renovations or repairs to the building do not also include alteration, renovations or repairs to the remainder of the building envelope.

Add new definition as follows:

ROOF REPAIR. Reconstruction or renewal of any part of an existing roof for the purposes of its maintenance.

ROOF RECOVER. The process of installing an additional roof covering over a prepared existing roof covering without removing the existing roof covering.

Reason: The purpose of this code change is to clarify the intent of the code. A public comment for proposal CE165-13 was approved during the Group B Public Comment Hearings and will therefore the same text proposed in this proposal will appear in IECC 2015. Arguments made by supporters of the approved proposal made clear the exception language is acknowledging that fact that, for a simple reroofing project, a functional building envelope air barrier is not achievable without also requiring a major and prohibitory expensive expansion of the project scope to include significant work to the non-roof portions of the building envelope. It is not the intent of the code to require a full-scale building envelope restoration in situations where, for example, a roof coating is added to an existing building. The same logic holds true for the IgCC. Even in an above minimum code environment with more stringent provisions, the proposed text clarifies the intent of the code for a building owner to be allowed to simply replace a failing roof system or enhance an existing roof system.

As with the exception approved for IECC 2015, the proposed change would not apply to new construction or extensive renovation where a functional building envelope air barrier can reasonably be incorporated into a project.

The proposed definitions will also appear in IECC 2015 (per proposal CE56-13 that was part of the consent agenda during the Group B Public Comment Hearing) and the inclusion of the terms in IgCC 2015 will ensure the terms are defined the same way in each document.

Cost Impact: Will not increase the cost of construction

Analysis: The International Energy Conservation Code sections C402.4.1 and C402.4.1 referenced in the text of this proposal are section numbers for the 2012 Edition. Due to significant changes approved for the 2015 IECC, the section numbers for the 2015 Edition will be C402.5 and C402.5.1.

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