

Public Code Change Proposal Form

To Amend the 2018 Illinois Energy Conservation Code

Code Section: 202, 503.1 V2

Office Use Only	
Proposal Number:	C04-01
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Date: April 25, 2018

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Submitted on Behalf of: Chicago Roofing Contractors Association

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Related Sections Impacted by this Amendment:

Revise as Follow (in strike-thru / underline format):
IECC 202, 503.1.

ADD NEW DEFINITIONS AS FOLLOWS:

Roof Covering Peel and Replacement. Where an existing roof covering, alone, is removed, exposing insulation or sheathing and only a new roof covering, alone, installed.

Re-number all sections that follow this exception.

IN SECTION 503.1, Exceptions, ADD NEW TEXT AS FOLLOWS:

C503.1 General. *Alterations* to any *building* or structure shall comply with the requirements of Section C503 and the code for new construction. *Alterations* shall be such that the existing *building* or structure is not less conforming to the provisions of this code than the existing *building* or structure was prior to the *alteration*. *Alterations* to an existing *building*, *building* system or portion thereof shall conform to the provisions of this code as those provisions relate to new construction without requiring the unaltered portions of the existing *building* or *building* system to comply with this code. *Alterations* shall not create an unsafe or hazardous condition or overload existing *building* systems. *Alterations* complying with ANSI/ASHRAE/IESNA 90.1.

need not comply with Sections C402, C403, C404 and C405.

Exception: The following *alterations* need not comply with the requirements for new construction, provided that the energy use of the building is not increased:

1. Storm windows installed over existing *fenestration*.
2. Surface-applied window film installed on existing single-pane *fenestration* assemblies reducing solar heat gain, provided that the code does not require the glazing or *fenestration* to be replaced.
3. Existing ceiling, wall or floor cavities exposed during construction, provided that these cavities are filled with insulation.
4. Construction where the existing roof, wall or floor cavity is not exposed.
5. *Roof recover*.

6. *Roof Covering Peel and Replacement*, where the work results in roof assembly insulation level not less than the pre-existing R-Value. Where greater than 25 percent of the total roof area insulation or sheathing is damaged, it shall be deemed a *roof replacement* or otherwise as *approved by the code official*. Addition of any amount of recover board to prepare surfaces shall be deemed a *roof recover*.

Reason:

As outlined in the Energy Office FAQ No. 14 – C503 ROOF ALTERATIONS, neither the definitions of *Roof Replacement* nor *Roof Recover* handle the situation that is described in the newly proposed definition. Both definitions invoke the addition of material not scoped in a *roof covering peel and replacement*. The proposed definition provides a clear direction to the code user for this circumstance. This allows the building owner and manager to remove (or “peel”) only the existing roof covering, reuse the existing insulation that has much life left in it, and replace the roof covering alone. There are several applications where this is not only practical, but preferred. The proposal, if approved, will be consistent with the positions of the IL Energy Office (Now IL EPA) FAQ No. 14, effective 2016-1-1 and of the Chicago DoB in their 2016 Roofing Code Memorandum effective 2016-7-20. The proposal also covers where two roofs exist, and where the underlying roof assembly is dry, or ‘recover’ board was used to prepare the surface for a roof membrane, removing the top layer, leaving the underlying layer, is also considered a *roof covering peel and replacement* operation.

This proposal covers two operations that are not clear in the IECC: 1) Codifying Illinois FAQ No. 14 which clarifies application of the phraseology, *roof covering peel and replacement*, and 2) Addressing the circumstance where the *roof covering peel and replacement* could be confused with the sole use of recovery board and weather-resistant roof membrane.

Cost Impact

The code change proposal will not increase the cost of construction. This code proposal provides an option not available to the building owner and manager.

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A proponent shall not submit multiple amendments to the same code section. When a proponent submits multiple amendments to the same section, the proposals shall be considered as incomplete proposals. The proponent of the proposal shall be notified and the proposal shall be held until the deficiencies are corrected, with a final date set for receipt of a corrected submittal. If the corrected amendment is received after the final date, the proposal shall not be considered by the ILECAC. This restriction shall not apply to amendments that attempt to address differing subject matter within a code section.