

Code Review

2018 Changes to International Codes

IBC - GENERAL - ENERGY TAC

W A R N I N G

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W A R N I N G



2018 International Building Code (IBC – General) - Energy

Energy TAC

IIECC Code Change No	IECC Section	Change Summary b/t 2015 IECC and 2018 IECC.	Change Summary b/t 2017 FEC and 2018 IECC	Staff comments		
G14-16 Part III	IECC: 202	<p>Revises section 202 definition “Roof assembly” to clarify and make corrections in the definition. The code change was further modified by the Committee. The modification to remove "based on design specifications" was made because it doesn't add anything to the definition. The modification to add thermal barrier was made because the fire resistance performance is also an important aspect of a roof assembly.</p> <p>Cost Impact: Will not increase the cost of construction. This is a clarification of a definition and does not add any additional restrictions or requirements.</p>	Same as change between 2015 IECC and 2018 IECC			
<p>TAC Action Accommodate Florida Specific Need: YES (Select Criteria) <input type="checkbox"/> a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/> e. <input type="checkbox"/> f. <input type="checkbox"/> Others (Explain): <input type="text"/></p>		<p>Commission Action Accommodate Florida Specific Need: YES (Select Criteria) <input type="checkbox"/> a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/> e. <input type="checkbox"/> f. <input type="checkbox"/> Others (Explain): <input type="text"/></p>			<p>TAC</p>	<p>Cmsn.</p>
				<input type="checkbox"/> No Action Needed	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/> Overlapping provisions	<input type="checkbox"/>	<input type="checkbox"/>

Rule 61G20-2.002 2. Technical amendments needed to accommodate the specific needs of this state include but are not limited to amendments to the Florida Building Code that provide for the following: a. Establish minimum life safety construction requirements to protect buildings and their occupants from fire, wind, flood, and storm surge using the latest technical research and engineering standards for buildings and materials products. b. Provide for flood protection provisions that are consistent with the latest flood protection requirements of the National Flood Insurance Program. c. Maintain eligibility for federal funding and discounts from the National Flood Insurance Program, the Federal Emergency Management Agency, and the United States Department of Housing and Urban Development. d. Provide for energy efficiency standards for buildings that meet or exceed the national energy standards as mandated by Title III of the Energy Conservation and Protection Act. e. Maintain coordination with the Florida Fire Prevention Code. f. Provide for the latest industry standards and design

Code Change No: G14-16 Part I

Original Proposal

Section: IBC: 202

Proponent: Theresa Weston, representing DuPont Building Innovations (theresa.a.weston@dupont.com)

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE IBC-STRUCTURAL CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Revise as follows:

[BS] ROOF ASSEMBLY (For application to Chapter 15 only). A system designed to provide weather protection and resistance to design loads. ~~The system consists of a roof covering, roof covering and roof deck, or a single component serving as both the roof covering and the roof deck.~~ A roof assembly includes the ~~roof deck, vapor retarder, underlayment, substrate~~ er and roof covering and can also include a thermal barrier, insulation or a vapor retarder, vapor retarder and roof covering based on design specifications.

Reason: This proposal makes clarifies and makes corrections to the definition. Specifically, in the definition in the IBC and IRC it replaces one of the redundant "vapor retarder" listings with "underlayment". Additionally it separates the items that are only present in some roof assemblies, from those that are present in all roof assemblies.

Cost Impact: Will not increase the cost of construction
This is a clarification of a definition and does add any additional restrictions or requirements.

Report of Committee Action Hearings

Committee Action:

Approved as Modified

Modify as follows:

[BS] ROOF ASSEMBLY (For application to Chapter 15 only). A system designed to provide weather protection and resistance to design loads. The system consists of a roof covering and roof deck or a single component serving as both the roof covering and the roof deck. A roof assembly ~~includes the roof deck, can also include, an~~ underlayment, ~~and roof covering and can also include~~ a thermal barrier, insulation or a vapor retarder, ~~based on design specifications.~~

Committee Reason: The revision to the definition of "roof assembly" removes duplicative wording and clarifies which items are in all roof assemblies. The modification removes some of the proposed wording that was not needed and clarifies that underlayment can be included in the roof assembly but it not a requirement of all roof assemblies.

Assembly Action

None

Final Action Results

G14-16 Part I

AM