

UPDATES TO THE 2015 DISCUSSION GUIDE & PUBLIC COMMENT AGENDA

Updated 9/23/2015

2015 ICC CODE DEVELOPMENT CYCLE TECHNICAL UPDATES TO THE 2015 PUBLIC COMMENT AGENDA FOR THE PROPOSED CHANGES TO THE:

INTERNATIONAL PLUMBING CODE®
INTERNATIONAL MECHANICAL CODE®
INTERNATIONAL EXISTING BUILDING CODE®
INTERNATIONAL BUILDING CODE®
-EGRESS
-FIRE SAFETY
-GENERAL

SUMMARY OF UPDATES:

INTERNATIONAL PLUMBING CODE:

P20-15 Part I: Changed the word "plastic" to "PEX" in the Exception for Public Comment 2.
P20-15 Part II: Changed the word "plastic" to "PEX" in the Exception for Public Comment 2.
P117-15 Part II: Public Comment 1 has been withdrawn.
P136-15: The standard is missing in Public Comment 2.

INTERNATIONAL MECHANICAL CODE:

M98-15: Public Comment 1 and Public Comment 2 are duplicate proposals and are therefore combined into Public Comment 1, with Mike Fischer and Marcelo Hirschler as co-commenters. Reason statement from Hirschler for Public Comment 2 applies to Public Comment 1 with Fischer's reason statement.
M99-15: Public Comment 1 has been withdrawn
M128-15: Public Comment 1 and Public Comment 2 are duplicate proposals and are therefore combined into Public Comment 1, with Jeff Shapiro and Maureen Traxler as co-commenters. Reason statement from Traxler for Public Comment 2 applies to Public Comment 1 with Shapiro's reason statement.

INTERNATIONAL EXISTING BUILDING CODE:

EB88-15: Correction made to Table 1401.6.17 in Public Comment 1

INTERNATIONAL BUILDING CODE:

EGRESS
E56-15: Public Comment 1 has been replaced.

FIRE SAFETY
FS7-15: Correction to the Proponent line for Public Comment 1. Jonathan Siu has been removed as a co-commenter.
FS118-15: Proposed code change has been withdrawn.
FS124-15: Public Comment 1 has been withdrawn.
FS125-15: Proposed code change has been withdrawn.
FS126-15: Proposed code change has been withdrawn.
FS127-15: Public Comment 1 has been withdrawn.
FS150-15: Proponent name change on Public Comment 2
FS159-15: Proponent name change on Public Comment 3
FS171-15: Replace "Table 1: Comparison of Proposed Provisions with Existing Codes and Standard" in the Reason statement of Public Comment 1

GENERAL

G9-15: Public Comment 1 has been withdrawn.
G42-15: Proposed code change has been withdrawn.
G77-15: Missing attachments for reason statement to Public Comment 9.
G118-15: Proposed code change has been withdrawn.
G119-15: Proposed code change has been withdrawn.
G127-15: Public Comment 1 has been replaced.
G185-15: Correction to the Proponent line for Public Comment 1. Jonathan Siu has been removed as a co-commenter.

INTERNATIONAL BUILDING CODE – FIRE SAFETY

Updated 9/23/2015

FS171-15: Replace “Table 1: Comparison of Proposed Provisions with Existing Codes and Standard” in the Reason statement of Public Comment 1

FS171-15

Public Comment 1:

Table 1: Comparison of Proposed Provisions with Existing Codes and Standards

Proposed Code Section	Proposed Code Language	Summary of Relevant Existing Codes and Standards for Insulation Protection
2603.3.1 (1)	<u>Vertical insulation installed a minimum of 6 inches (152 mm) below finished exterior grade.</u>	IECC Section C303.2.1 and ASCE 32 require that an “opaque and weather-resistant protective covering” for exterior foundation wall insulation extend at least 6 inches below exterior finished grade. This covering is intended to protect against “ultraviolet radiation, physical damage, or other sources of deterioration.” At depths greater than 6 inches, no protective covering is required.
2603.3.1 (2)	<u>Horizontal insulation installed a minimum of 12 inches (304 mm) below finished exterior grade and extending no more than 24 inches outward from the foundation edge.</u>	IBC Section 1809.5 allows for frost protection of shallow foundations in accordance with ASCE 32. ASCE 32 does not require additional protection of insulation when installed at least 12 inches below finished exterior grade, provided that it does not extend outward more than 24 inches from the foundation edge. IECC Section 402.2.6 requires such insulation to be protected by a minimum of 10 inches of soil. The more conservative depth of 12 inches was used for this proposed change.
2603.3.1 (3)	<u>Horizontal insulation installed below finished exterior grade and protected by a concrete slab on the ground surface directly above the insulation.</u>	ASCE 32 requires that horizontal insulation installed at a depth less than 12 inches below the ground surface, or any portion “extending outward more than 24 inches from the foundation edge shall be protected from damage by concrete or asphalt pavement on the ground surface directly above the insulation,” or by other approved materials placed directly on the top surface of the insulation. IRC Section R403.3.2 requires that the concrete protection of such insulation be “a concrete slab” subject to requirements of IBC Section 1907 Minimum slab provisions , which stipulates a minimum thickness of 3.5 inches (89 mm). IECC Section C402.2.6 requires that “insulation extending away from the building...be protected by pavement or by a minimum of 10 inches (254 mm) of soil.” The proposed change uses the most conservative of these requirements, which is protection of sub-grade insulation by a concrete slab at least 3.5 inches thick.