



PUBLIC CODE CHANGE PROPOSAL FORM FOR PUBLIC PROPOSALS IN THE INTERNATIONAL CODES

2007/2008 CODE DEVELOPMENT CYCLE

CLOSING DATE: All Proposals Must Be Received by August 20, 2007

The 2007/2008 Code Development Hearings are tentatively scheduled for
February 18 – March 2, 2008, location TBD.

1) **Name:** Jay Crandell, P.E. **Date:** August 20, 2007
Jurisdiction/Company: ARES Consulting
Submitted on Behalf of: Foam Sheathing Coalition
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City: West River **State:** MD **Zip Code:** 20778
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2) **Copyright Release:** In accordance with Council Policy #28 Code Development, all Code Change Proposals, Floor Modifications and Public Comments are required to include a copyright release. A copy of the copyright release form is included at the end of this form. Please follow the directions on the form. This form as well as an alternative release form can also be downloaded from the ICC website at www.iccsafe.org. If you have previously executed the copyright release, please check the box below:

2007/2008 Cycle copyright release on file (SENT VIA FAX AND MAIL)

3) Indicate appropriate International Code(s) associated with this Public Proposal – Please use Acronym: IRC
If you have also submitted a separate coordination change to another I-Code, please indicate the code: _____
(See section below for list of names and acronyms for the International Codes).

4) **Be sure to format your proposal and include all information as indicated on Page 2 of this form.**

5) Proposals should be sent to the following offices via regular mail or email. An e-mail submittal is preferred, including an electronic version, in either Wordperfect or Word. The only formatting that is needed is **BOLDING, STRIKEOUT AND UNDERLINING**. Please do not provide additional formatting such as tabs, columns, etc., as this will be done by ICC. **REMOVE TRACKING CHANGES, AUTOMATIC NUMBERING, OR ANY OTHER ADVANCED FORMATTING TOOLS THAT ARE PROVIDED BY WORD, FROM FILES CONTAINING YOUR CODE CHANGE PROPOSAL THAT YOU SEND TO ICC.**

Please use a separate form for each proposal submitted. Note: All code changes received will receive an acknowledgment.

Please check here if separate graphic file provided.

Graphic materials (Graphs, maps, drawings, charts, photographs, etc.) must be submitted as separate electronic files in .CDR,.IA,.TIF or .JPG format (300 DPI Minimum resolution; 600 DPI or more preferred) even though they may also be embedded in your Word or Wordperfect submittal.

Code

IBC - International Building Code
IEBC - International Existing Building Code
IFC - International Fire Code
IFGC - International Fuel Gas Code
IPC - International Plumbing Code
IPSDC - International Private Sewage Disposal Code
IPMC - International Property Maintenance Code
IWUIC - International Wildland-Urban Interface Code
IZC - International Zoning Code
ELECT - International Code Council Electrical Code– Administrative Provisions

Send to:

International Code Council
Chicago District Office
Attn: Diane Schoonover
4051 West Flossmoor Road
Country Club Hills, IL 60478-5795
Fax: 708/799-0320
codechanges@iccsafe.org

IECC - International Energy Conservation Code
ICC PC - ICC Performance Code
IMC - International Mechanical Code
IRC - International Residential Code

International Code Council
Birmingham District Office
Attn: Annette Sundberg
900 Montclair Road
Birmingham, AL 35213-1206
Fax: 205/592-7001
codechangesbhm@iccsafe.org

CODE CHANGE PROPOSAL

Please provide all of the following items in your code change proposal. Your proposal may be entered on the following form, or you may attach a separate file. However, please read the instructions provided for each part of the code change proposal. The sections identified in parentheses are the applicable sections from CP #28 Code Development. The full procedures can be downloaded from www.iccsafe.org.

Code Sections/Tables/Figures Proposed for Revision (3.3.2): Section R703.1

Note: If the proposal is for a new section, indicate (new).

Name/Company/Representing (3.3.1): Jay H. Crandell, P.E., ARES Consulting (representing the Foam Sheathing Coalition)

Note: You must indicate your name and the full name of who you are representing. Do not use acronyms.

Proposal: NOTE: PLEASE READ ITEM 5) of the first page of this form for formatting instructions.

Revise Section 703.1 as follows:

R703.1 General. Exterior walls shall provide the building with a weather-resistant exterior wall envelope. The exterior wall envelope shall include flashing as described in Section R703.8.

R703.1.1 Water Resistance. The exterior wall envelope shall be designed and constructed in a manner that prevents the accumulation of water within the wall assembly by providing a water-resistant barrier behind the exterior veneer as required by Section R703.2. and a means of draining water that enters the assembly to the exterior. Protection against condensation in the exterior wall assembly shall be provided in accordance with Chapter 11 of this code.

Exceptions: (unchanged)

703.1.2 Wind Resistance. Wall coverings, backing materials, and their attachments shall be capable of resisting wind loads in accordance with Tables R301.2(2) and R301.2(3). Wind pressure resistance of the siding and backing materials shall be determined by ASTM E330 or other applicable standard test methods. Where wind pressure resistance is determined by design analysis, data from approved design standards and analysis conforming with generally accepted engineering practice shall be used to evaluate the siding and backing material and its fastening. All applicable failure modes including bending rupture of siding, fastener withdrawal, and fastener head pull-through shall be considered in the testing or design analysis. Where the wall covering and the backing material resist wind load as an assembly, the design capacity of the assembly shall be permitted to be used.

Note: Show the proposal using ~~strikeout~~, underline format. At the beginning of each section, one of the following instruction lines are also needed:

- Revise as follows
- Add new text as follows
- Delete and substitute as follows
- Delete without substitution

Note: The only formatting that is needed is **BOLDING**, ~~STRIKEOUT~~ AND UNDERLINING. Please do not provide additional formatting such as tabs, columns etc. as this will be done by ICC. **DO NOT USE THE TRACKING CHANGES OPTION, AUTOMATIC NUMBERING, OR ANY OTHER ADVANCED FORMATTING TOOLS PROVIDED BY WORD.**

Supporting Information (3.3.4 & 3.4):

This proposal reorganizes existing Section R703.1 into two subsections that clearly highlight and distinguish two key performance requirements for cladding systems (water and wind resistance). The requirements for water resistance are unchanged. The proposed new requirements for wind resistance bring clarity and consistency to an appropriate basis for testing and analysis of wind pressure resistance

of all cladding systems, including those currently in the code or other proprietary products currently available or yet to be developed.

Note: The following items are required to be included:

1. The proponent shall clearly state the purpose of the proposed code change (e.g., clarify the Code; revise outdated material; substitute new or revised material for current provision of the Code; add new requirements to the Code; delete current requirements, etc.)
2. The proponent shall justify changing the current code provisions, stating why the proposal is superior to the current provisions of the Code. Proposals that add or delete requirements shall be supported by a logical explanation which clearly shows why the current Code provisions are inadequate or overly restrictive, specifies the shortcomings of the current Code provisions and explains how such proposals will improve the Code.
3. The proponent shall substantiate the proposed code change based on technical information and substantiation. Substantiation provided which is reviewed in accordance with Section 4.2 and determined as not germane to the technical issues addressed in the proposed code change shall be identified as such. The proponent shall be notified that the proposal is considered an incomplete proposal in accordance with Section 4.3, and the proposal shall be held until the deficiencies are corrected. The proponent shall have the right to appeal this action in accordance with the policy of the ICC Board. The burden of providing substantiating material lies with the proponent of the code change proposal. A minimum of two copies of all substantiating information shall be submitted. **(3.4)**
4. The proponent shall submit a bibliography of any substantiating material submitted with the code change proposal. The bibliography shall be published with the code change and the proponent shall make the substantiating materials available for review at the appropriate ICC office and during the public hearing.

Referenced Standards (3.4 & 3.6): NONE.

List any new referenced standards that are proposed to be referenced in the code and provide a minimum of two copies. For ICC rules on referenced standards, see Section 3.6 of CP #28.

Cost Impact (3.3.4.6): The code change proposal will not increase the cost of construction.

Note: The proponent shall indicate one of the following regarding the cost impact of the code change proposal:

- 1) The code change proposal will increase the cost of construction; or
- 2) The code change proposal will not increase the cost of construction.

This information will be included in the published code change proposal.