Code Amendment Proposal Form
For public amendments proposed to the 2018 editions of the International Codes

Instructions: Upload this form and all accompanying documentation at www.denvergov.org/BuildingCode. If you are submitting your proposal on a separate sheet, make sure it includes all information requested below.

All proposals must be received by April 26, 2019.

CONTACT INFORMATION

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Signature:

AMENDMENT PROPOSAL

Please use a separate form for each proposal.

1) Code(s) associated with this proposal. Please use acronym: IBC
   If you submitted a separate coordination change to another code, please indicate which code:

2) Please check here if a separate graphic file is provided: ☐

   Graphics may also be embedded within your proposal below.

3) Use this template to submit your proposal or attach a separate file, but please include all items requested below in your proposal. The only formatting needed is BOLDING, STRIKEOUT AND UNDERLINING. Please do not provide additional formatting such as tabs, columns, etc., as this will be done by CPD.

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Code Name</th>
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<tbody>
<tr>
<td>IEBC</td>
<td>International Existing Building Code</td>
<td>IMC</td>
<td>International Mechanical Code</td>
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<td>IECC</td>
<td>International Energy Conservation Code</td>
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<td>IFC</td>
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Code Sections/Tables/ Figures Proposed for Revision:

Propose addition of a new code section 1507.18 Hot-applied rubberized asphalt roofing.

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

Proposal:

Add new text as follows:

1507.18 Hot-applied rubberized asphalt roofing. The installation of hot-applied rubberized asphalt roofing shall comply with the provisions of this section.

1507.18.1 Slope. Hot-applied, rubberized asphalt roof membranes shall not be required to have a minimum design slope (0-percent slope) provided a permanent electrical conductance breach detection method for testing the membrane is installed.
1507.18.2 Material standards. Hot-applied, rubberized asphalt roofing shall be one-part, hot-applied, rubberized asphalt and comply with CAN/CGSB-37.50-M89.

1507.18.3 Protected membrane ballasted low-slope roofs. Protected membrane ballasted roof assemblies with a low-slope (roof slope < 2:12) shall be installed in accordance with this section and Section 1504.4.

Supporting Information:

The purpose of the proposed amendment is to add new requirements to the code for a roof covering material that has not previously been categorized by the code.

The proposed amendment is necessary since hot-applied, rubberized-asphalt, despite over 30 years of application as a roof covering, has not previously been categorized by the code. Without a separate category, hot-applied, rubberized-asphalt is incorrectly recognized under other code sections; for example, 1507.15 Liquid-applied roofing. This incorrect recognition places improper material and application standards and requirements on hot-applied, rubberized-asphalt roofing.

As substantiation for the proposed amendment to add a new category under Chapter 1507 for hot-applied, rubberized asphalt roofing, the proponent offers the attached selected project lists. These lists indicate the 30+ year installation history of hot-applied, rubberized asphalt in roofing applications supplied by one manufacturer/material supplier. The proponent suggests that the actual use of hot-applied, rubberized asphalt in roofing conditions is greater than the attached lists would indicate when other manufacturer/material supplier histories are also considered. Template of District of Columbia amended code attached for further reference.

Additionally, testing of 25 + year old rubberized asphalt material, subjected to freeze thaw conditions, complying with industry standard physical properties included.

Referenced Standards:

CGSB-37.50-M89, Asphalt, Rubberized, for Roofing and Waterproofing*

*The proponent recognizes that the referenced material standard is listed as inactive by CGSB. CGSB-37.50 is, however, recognized as the de facto material standard by the material manufacturers and suppliers of hot-applied, rubberized asphalt in the absence of another published material standard.

Note: List any new referenced standards that are proposed to be referenced in the code.

Impact:

The effect of the proposal will likely have no effect on or result in a slight reduction of the cost of construction.

The effect of the proposal will have no effect on the cost of design.

The proposal is neither more or less restrictive than the I-codes. It is the same.

Departmental Impact: (To be filled out by CPD staff)

Note: CITY STAFF ONLY. For each of the following, indicate the impact of this proposal:

- The effect of the proposal on the cost of review - Increase, Reduce, No Effect
- The effect of the proposal on the cost of enforcement/inspection - Increase, Reduce, No Effect