



# DENVER AMENDMENT PROPOSAL FORM FOR PROPOSALS TO THE 2019 DENVER BUILDING CODE AMENDMENTS AND THE 2021 INTERNATIONAL CODES

**DENVER**  
THE MILE HIGH CITY

## 2021 CODE DEVELOPMENT CYCLE

1) **Name:** Antonio Caro, PE **Date:** October 16, 2021  
**Email:** Antonio.caro@denvergov.org **Representing (organization or self):** Denver FD

2) One proposal per this document is to be provided with clear and concise information.

Is a separate graphic file provided ( "X" to answer):  Yes or  No

3) Highlight the code and acronym that applies to the proposal

<u>Acronym</u>	<u>Code Name</u>	<u>Acronym</u>	<u>Code Name</u>
DBC-AP	Denver Building Code–Administrative Provisions	IPC	International Plumbing Code
<b>IBC</b>	<b>International Building Code</b>	IRC	International Residential Code
IECC	International Energy Conservation Code	IFGC	International Fuel Gas Code
IEBC	International Existing Building Code	IMC	International Mechanical Code
IFC	International Fire Code	DGC	Denver Green Code

## AMENDMENT PROPOSAL

Please provide all the following items in your amendment proposal.

**Code Sections/Tables/Figures Proposed for Revision:**

**Instructions:** If the proposal is for a new section, indicate (new), otherwise enter applicable code section.

New - IBC 720.3.2

**Proposal:**

**Instructions:** Show the proposal using ~~strikeout~~, underline format.

**Place "X" next to choice that best defines your proposal:**  Revision  New Text  Delete/Substitute  Deletion

Add new section:

**720.3.2 Exposed insulation above fire sprinklers. Insulation installed above sprinklers on the underside of floor or roof sheathing shall be secured in place with 20-gauge metal netting with a mesh size not greater than 2 inches by 2 inches.**

**Supporting Information (Required):**

All proposals must include a written explanation and justification as to how they address physical, environmental, and/or customary characteristics that are specific to the City and County of Denver. The following questions must be answered for a proposal to be considered.

- Purpose: What does your proposal achieve?

This coordinates requirements contained in the IFC amendments 903.3.3.1.

- Reason: Why is your proposal necessary?

Insulation design and specifications are created by the Architect which is often not familiar with these fire code provisions, thereby creating many issues at final inspection. By existing in this section, the proper design professional will be alerted.

- Substantiation: Why is your proposal valid? (i.e. technical justification)

Keep sprinklers functional as intended without insulation drooping to create obstruction issues. Drooping occurs in time when banding is manipulated or insulation gets wet.

**Bibliography and Access to Materials** (as needed when substantiating material is associated with the amendment proposal):

[CURRENT IFC SECTION 903.3.3.1 PROVIDED BELOW FOR REFERENCY ONLY]

**Section 903.3.3.1 Insulation above sprinklers is added as follows:**

**903.3.3.1 Insulation above sprinklers.** Insulation installed above sprinklers on the underside of floor or roof sheathing shall in place with 20-gauge metal netting with a mesh size not greater than 2 inches by 2 inches.

**Other Regulations Proposed to be Affected**

N/A

**Referenced Standards:**

N/A

**Impact:**

How will this proposal impact cost and restrictiveness of code? ("X" answer for each item below)

Cost of construction:    \_\_\_ Increase    \_\_\_ Decrease     x  No Impact

Cost of design:         \_\_\_ Increase    \_\_\_ Decrease     x  No Impact

Restrictiveness:        \_\_\_ Increase    \_\_\_ Decrease     x  No Impact

**Departmental Impact (City use only):**

This amendment proposal increases/decreases/is neutral to the cost of plans review.

This amendment increases/decreases/is neutral to the cost of inspections.

Neutral and neutral (requirements are already in the code)