

ADVISORY COMMITTEE COMMENT FORM
FOR PROPOSED CODE CHANGES
(This form must be submitted electronically)

IRC-19, MR 1309.0314 (REV 12-29-2011 FINAL)

Author/requestor: Rick Davidson

Email address: rdavidson@ci.maple-grove.mn.us

Telephone number: 763-494-6061

Firm/Association affiliation, if any: Self

Proposed Code Change - Language

1309.0314 SECTION R314, FOAM PLASTIC.

IRC Section R314.5.11 is amended to read as follows:

R314.5.11 Sill plate and headers. Foam plastic shall be permitted to be spray applied to a sill plate and header (rim joist) without thermal barrier subject to all of the following:

1. The maximum thickness of the foam plastic shall not exceed 5 1/2 inches (139.5 mm).
2. The foam plastic shall have a flame spread index of 25 or less and an accompanying smoke developed index of 450 or less when tested in accordance with ASTM E 84.

Proposed Code Change – Need and Reason

This proposal deletes a Rule. The IRC has been slightly reformatted resulting in a change in section numbers which requires that the current rule be amended or deleted. It is proposed here to be deleted. It is necessary to amend or delete the rule to avoid numbering conflicts and because the amendment is no longer needed due to updates in the model code. It is reasonable to use the language in the model code because it more clearly addresses the use of foam plastics at the indicated locations and uses more current standards.

Following is the current text in the IRC for reference.

- R316.5.11 Sill plates and headers.** Foam plastic shall be permitted to be spray applied to a sill plate and header without the thermal barrier specified in Section R316.4 subject to all of the following:
1. The maximum thickness of the foam plastic shall be 3 1/4 inches (83 mm).
 2. The density of the foam plastic shall be in the range of 0.5 to 2.0 pounds per cubic foot (8 to 32 kg/m³).
 3. The foam plastic shall have a flame spread index of 25 or less and an accompanying smoke-developed index of 450 or less when tested in accordance with ASTM E 84 or UL 723.

Proposed Code Change – Cost/Benefit Analysis

This proposal will have no impact on the cost of construction.

Other Factors to Consider Related to Proposed Code Change

1. Is this proposed code change meant to:

change language contained in a published code book? If so, list section(s).

change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

delete language contained in a published code book? If so, list section(s).
2012 IRC section R323

delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

neither; this language will be new language, not found in the code book or in Minnesota Rule.

2. Is this proposed code change required by a Minnesota Statute or new legislation? If so, please provide the citation to the Statute or legislation.
No

3. Will this proposed code change impact other sections of a published code book or of an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.
No

4. Will this proposed code change impact other parts of the Minnesota State Building Code? If so, please list the affected parts of the Minnesota State Building Code.
No

5. Who are the parties affected or segments of industry affected by this proposed code change?
Code officials, building designers, contractors, building owners

6. Can you think of other means or methods to achieve the purpose of the proposed code change? If so, please explain what they are and why your proposed change is the preferred method or means to achieve the desired result.
No

7. Are you aware of any federal requirement or regulation related to this proposed code change? If so, please list the regulation or requirement.
No