

ADVISORY COMMITTEE COMMENT FORM FOR PROPOSED CODE CHANGES

(This form must be submitted electronically)

IRC-101, R702.7

Author/requestor: Jack Rossbach and Paul Ellringer

Email address: jack@airtamarack.com and paul@airtamarack.com

Telephone number: 612-385-9403 and 651-696-0267

Firm/Association affiliation, Air Tamarack

Proposed Code Change - Language

2012 IRC R702.7 Vapor retarders. Class I or II vapor retarders are required on the interior side of frame walls in Climate Zones 5, 6, 7, 8 and Marine 4.

Exceptions:

1. Basement walls.
2. Below grade portion of any wall.
3. Construction where moisture or its freezing will not damage the materials.
4. Class II vapor retarders shall be permitted in residential housing where air conditioning or cooling occurs during the summer months. Class I vapor retarders are allowed when required or recommended by a licensed design professional.

Proposed Code Change – Need and Reason

Please provide a thorough explanation of the need for this change and why this proposed code change is a reasonable change. During the rulemaking process, the Agency must defend the need and reasonableness of all its proposed changes. The Agency must submit evidence that it has considered all aspects of the proposal. (You may provide the need and reason (electronically) on a separate attached sheet).

The University of Minnesota has published several papers showing that a Class II vapor retarder outperforms (water damage is less likely to occur) than a Class I vapor retarder in an air conditioned residential house.

Proposed Code Change – Cost/Benefit Analysis

No additional cost.

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).
2012 IRC Section R702.7

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).

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, and 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