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Subject: Code Comments, Proposals and Advice
Date: Thursday, October 10, 2019 11:01:36 AM

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Formstack Submission For: **4202**

Submitted at 10/10/19 11:00 AM

Name: Greg Keeler

Email: greg.keeler@owenscorning.com

Phone: (740) 321-6345

Address: 2790 Columbus Road
Granville, OH 43023

**Indiana
Code You
Are
Commenting
On:** R905.1.2 Ice Barriers. R905.1.3 Ice dam and leak
barrier. Table 301.1(1)

Delete text and title of Section R905.1.2 and substitute as follows and add Section R905.1.3:

R905.1.2 Ice dam leak barriers. In areas where there has been a history of ice dams forming along the eaves and on roof surfaces causing a backup of water as designated in Table R301.2(1) an ice dam leak barrier shall be installed for asphalt shingles, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles and wood shakes. The ice dam leak barrier shall consist of not fewer than two layers of underlayment cemented together, or a self-adhering polymer-modified bitumen sheet, complying

**Comment or
Proposal:**

with ASTM D1970, installed in place of normal underlayment. The ice dam leak barrier shall extend from the lowest edges of all roof surfaces to a point 24 inches (610 mm) up the slope of the roof from the vertical plane of the exterior side of the exterior wall framing. Where the ice dam leak barrier intersects with a vertical wall before extending to the required distance the ice dam leak barrier shall extend up the vertical face of that wall a minimum four inches (102 mm). On roofs with slope equal to or greater than eight units vertical in twelve units horizontal (67-percent slope), the ice dam leak barrier shall be applied for a distance of not less than 36 inches (914 mm) in from, and along, the roof rake edges.

Exception:

On roofs with overhangs of 12 inches (305 mm) or less, measured horizontally from the exterior side of the exterior wall framing, the ice dam leak barrier shall be applied from the lowest edges of all roof surfaces 36 inches (914 mm) up the roof slope.

Add a new section, R905.1.3 as follows:

R905.1.3 Ice dam leak barrier. The term “ice barrier” in this code shall have the same meaning as “ice dam leak barrier” described in Section R905.1.2.

Review of TABLE R301.2(1) to make YES for all 92 counties in the State of Indiana

File:

[View File](#)



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



INSTRUCTIONS:

1. Only a TYPED copy will be accepted.
2. ~~Dashed line through material to be deleted.~~ Underline or bold face material to be added.
3. Use a second sheet for any material requiring more space.
4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY			
Received		Code	
Proposal number			
Code title		Edition	
Indiana Residential Code		2020	
Section number and title		Page Number	
R905.1.2 Ice barriers. R905.1.3 Ice dam leak barrier. TABLE 301.2(1).		1 of 2, codebook page 436	
Proponent		Representing (if applicable)	
Greg Keeler		Owens Corning	
Address (number and street, city, state, and ZIP code)		Telephone number	
2790 Columbus Road, Granville, OH 43023		740-321-6345	
PROPOSED CODE CHANGE (check one)			
<input type="checkbox"/> Change to read as follows <input checked="" type="checkbox"/> Add to read as follows <input checked="" type="checkbox"/> Delete and substitute as follows <input type="checkbox"/> Delete without substitution			
Delete text and title of Section R905.1.2 and substitute as follows and add Section R905.1.3:			
<p><u>R905.1.2 Ice dam leak barriers.</u> In areas where there has been a history of ice dams forming along the eaves and on roof surfaces causing a backup of water as designated in Table R301.2(1) an ice dam leak barrier shall be installed for asphalt shingles, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles and wood shakes. The ice dam leak barrier shall consist of not fewer than two layers of <u>underlayment</u> cemented together, or a self-adhering polymer-modified bitumen sheet, complying with ASTM D1970, installed in place of normal underlayment. The ice dam leak barrier shall extend from the lowest edges of all roof surfaces to a point 24 inches (610 mm) up the slope of the roof from the vertical plane of the exterior side of the exterior wall framing. Where the ice dam leak barrier intersects with a vertical wall before extending to the required distance the ice dam leak barrier shall extend up the vertical face of that wall a minimum four inches (102 mm). On roofs with slope equal to or greater than eight units vertical in twelve units horizontal (67-percent slope), the ice dam leak barrier shall be applied for a distance of not less than 36 inches (914 mm) in from, and along, the roof rake edges.</p> <p><u>Exception:</u> <u>On roofs with overhangs of 12 inches (305 mm) or less, measured horizontally from the exterior side of the exterior wall framing, the ice dam leak barrier shall be applied from the lowest edges of all roof surfaces 36 inches (914 mm) up the roof slope.</u></p>			
Add a new section, R905.1.3 as follows:			
<p><u>R905.1.3 Ice dam leak barrier.</u> The term “ice barrier” in this code shall have the same meaning as “ice dam leak barrier” described in Section R905.1.2.</p>			
<u>Review of TABLE R301.2(1) to make YES for all 92 counties in the State of Indiana</u>			

REASON STATEMENT AND FISCAL IMPACT
<p>This proposal designates where on residential roofs ice barriers are required and to what distance up the roof or along the rake. The exceptions address different ice damming scenarios of vented and unvented attics, attic insulation installation and the ice damming that occurs at the bottom edge of the roof in the eavespouting. Since the attic insulation package is probably unknown to reroofing contractors Exception #2 gives allowances for only newly constructed roof systems.</p> <p>Fiscal impact: Neutral; some additional material will be needed on roofs with slopes of 8/12 or higher but some roofs will require less material when energy heels are used for the structure, offsetting the costs over the area where the ice dam leak barrier material is required.</p>
REVIEW RECOMMENDATION
Approve
Reject
Approve as amended
Further study