

**NEW HAMPSHIRE STATE BUILDING CODE  
PROPOSED AMENDMENT FORM**

**RE-15-33-18**

Proposed amendment submitted by:

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10.15

Applicable code: IRC Applicable code section: Table N1102.1.2

Select only one code: IEBC-15 IBC-15 IRC-15 IPC-15 IMC-15 IECC-15 IEBC-15 NEC-17 (NFPA 70)

Current language (including section numbers and include prior adopted amendments):

Climate Zone 6, Wood Frame Wall R-value 20+5 or 13+10<sup>h</sup>.

Exhibit RE-15-20-16 previously approved:

Revise Climate Zone 6, Wood Frame Wall R-value to 20 or 13+5 from ~~20+5 or 13+10~~.

Check one:  Delete without substitution:  Add new section to read as follows:

Delete section and substitute the following:  Revise section to read as follows:

~~Show line through material to be deleted.~~

Underline material to be added.

Proposed code language:

Revise Climate Zone 6, Wood Frame Wall R-value from ~~20+5 or 13+10<sup>h</sup>~~ to 20 or 13+5<sup>h</sup>.

TABLE N1102.1.2 (R402.1.2)  
INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT\*

CLIMATE ZONE	FENESTRATION U-FACTOR*	SKYLIGHT U-FACTOR	GLAZED FENESTRATION SHGC**	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB R-VALUE & DEPTH	CRAWL SPACE WALL R-VALUE
1	NR	0.75	0.25	30	13	3/4	13	0	0	0
2	0.40	0.65	0.25	38	13	4/6	13	0	0	0
3	0.35	0.55	0.25	38	20 or 13 + 5 <sup>h</sup>	8/13	19	5/13'	0	5/13
4 except Marine	0.35	0.55	0.40	49	20 or 13 + 5 <sup>h</sup>	8/13	19	10/13	10, 2 ft	10/13
5 and Marine 4	0.32	0.55	NR	49	20 or 13 + 5 <sup>h</sup>	13/17	30 <sup>a</sup>	15/19	10, 2 ft	15/19
6	0.32	0.55	NR	49	<u>20 + 5 or 13 + 10<sup>h</sup></u>	15/20	30 <sup>a</sup>	15/19	10, 4 ft	15/19
7 and 8	0.32	0.55	NR	49	20 + 5 or 13 + 10 <sup>h</sup>	19/21	38 <sup>a</sup>	15/19	10, 4 ft	15/19

Reason / Justification:

Maybe a stickler for accuracy but Exhibit RE-15-20-16 did not include the footnote "h" which is in the current Table N1102.1.2. This includes the footnote which is a necessary explanation.

h. The first value is cavity insulation, the second value is continuous insulation, so "13+5" means R-13 cavity insulation plus R-5 continuous insulation.

Financial Analysis/Fiscal Impact of proposed amendment:

Clarification only – no fiscal impact.

For Building Code Review Board Use:

Not approved: \_\_\_\_\_ Approved:  \_\_\_\_\_

Approved with modifications: \_\_\_\_\_

Scheduled Hearing Date: \_\_\_\_\_

Exhibit #: \_\_\_\_\_

Chair's Signature: SLR \_\_\_\_\_ Date: 12-14-12

Printed Name: \_\_\_\_\_

NH BCRB Proposed Amendment Form

12/14/2012