



R-Value Codes for Unfaced Insulation Batts

This pamphlet is one in a series that describes residential energy conservation requirements of the Oregon Residential Specialty Code and the Structural Specialty Code for Group R buildings three stories and less in height. Other pamphlets in this series may be obtained from Oregon Dept of Energy at www.oregon.gov/energy/ or local building departments or from Oregon Building Codes Division.

Identifying R-value of unfaced batt insulation

When insulation is faced, R-value is prominently displayed on the facing. Some unfaced batts have R-values inked into the batt. Many unfaced batts, however, are not labeled with an R-value. Instead, bags are color-coded and batts are marked with a number of stripes, called a stripe code. Together, they indicate R-value.

Owens Corning Fiberglas

Owens Corning uses the following bag colors and stripe codes to indicate R-values of unfaced products:

Owens Corning Fiberglas R-value codes for unfaced insulation

R-value	Thickness	Number of stripes	Bag color
38	12"	4	Brown
38	HD*	10-1/4"	1 Black
30	9-1/2"	2	Orange
30 HD	8-1/4"	3	Orange
25	8"	1	White/dark blue
22	6-3/4"	6	Blue-green
21 HD	5-1/2"	4	Violet
19	6-1/4"	5	Blue
15 HD	3-1/2"	2	Olive
13	3-1/2"	4	Purple
11	3-1/2"	3	Green

*HD = High density

Certainteed

Some of Certainteed's unfaced products have an ink stamp indicating R-value. Other unfaced products can be identified by the following bag colors and stripe codes:

Certainteed R-value codes for unfaced insulation

R-value	Thickness	Number of stripes	Bag color
38	12"	3 widely spaced	Brown
38 HD*	10"	3 widely spaced	Black and white
30	10"	2 widely spaced	Red
30 HD	8-1/2"	2 widely spaced	Red
25	8"	1 centered	Red
22	6-1/2"	6	Yellow
21 HD	5-1/2"	1 off center	Mahogany
19	6-1/4"	5	Blue
15 HD	3-1/2"	2 close together	Olive
13	3-1/2"	4	Purple
11	3-1/2"	3	Green

*HD = High density

Johns Manville

Manville's unfaced products are all ink stamped with an R-value.

Johns Manville R-values and thicknesses of unfaced insulation

R-value	Thickness
38	13"
30	11"
25	8.25"
22	7.5"
19	6.75"
13	3.5"
11	3.62-3.5"
30 HD*	8.25"
21 HD	5.5"
15 HD	3.5"

*HD = High density

Information presented in this publication supports the Oregon Residential Specialty Code, or Chapter 13 of the Oregon Structural Specialty Code. This publication does not include all code requirements. Refer to the code and check with your code official for additional requirements. If information in this publication conflicts with code or your local officials, follow requirements of code and your local officials.

For more information about the residential energy code, call the Building Codes Division at (503)378-4133 or the Oregon Dept of Energy (503)378-4040 in Salem or toll-free, 1-800-221-8035.

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