

Steel vs. Wood Cost Comparison Beaufort Demonstration Homes

Filesize: 5.4 MB

Reviews

This publication is wonderful. Better then never, though i am quite late in start reading this one. I am very happy to tell you that here is the best book we have read through inside my personal daily life and could be he finest pdf for actually. (Ms. Sydnee Lesch)

STEEL VS. WOOD COST COMPARISON BEAUFORT DEMONSTRATION HOMES



Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. Despite the availability of cold-formed steel framing, there are still basic barriers that impede its adoption in the residential market. Probably the primary barrier is that the building industry is generally reluctant to adopt alternative building methods and materials unless they exhibit clear cost or quality advantages. A second barrier is how the thermal conductivity of steel affects energy use in homes. The scope of this project was limited to constructing two identical side-by-side homes at three different locations in the U.S. Each location had unique labor rates, material costs, size, shape and style of construction. The sites include Indiana, South Carolina, and North Dakota. Each site has a house framed with conventional dimensional lumber and a second one framed with cold-formed steel. Blower door tests are to be conducted for all demonstration homes to determine the levels of air infiltration for each house. Co-heat tests are also to be conducted at two sites (Valparaiso, Indiana and Fargo, North Dakota) to determine the energy consumption of each tested house. This report is limited to the findings of the demonstration homes in Beaufort, South Carolina. Installed costs of the steel framing material were determined and compared with that of conventional wood framing. Results indicate that the cost of the demonstration steel-framed home is 14.2 more than an identical wood home, however, the framers labor hours for the steel-framed home were only 4.3 higher than those of an identical wood home. The results also indicated that certain aspects of cold-formed steel (such as interior non-load bearing walls) are within the range that might be expected to be cost-effective with wood. An infiltration test was conducted for each home. Results indicated...

Read Steel vs. Wood Cost Comparison Beaufort Demonstration Homes Online
Download PDF Steel vs. Wood Cost Comparison Beaufort Demonstration Homes

Other Kindle Books

| \rightarrow |
|---------------|
| |

The Battle of Eastleigh, England U.S.N.A.F., 1918

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 36 pages. Dimensions: 9.6in. x 7.3in. x 0.2in.This historic book may have numerous typos and missing text. Purchasers can download a free scanned... Save Document »

| \rightarrow |
|---------------|
| |

Weebies Family Halloween Night English Language: English Language British Full Colour Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and... Save Document »

| \rightarrow |
|---------------|
| |

A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download... Save Document »

| \rightarrow |
|---------------|
| |

Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Save Pudding Wood (Hardback) Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It... Save Document »

| \rightarrow | |
|---------------|--|
| | |

I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English. Brand New Book. It s vital that we support young children s reading in ways that nurture healthy... Save Document »