



Chart Overview

Below you will find a list of the main types of building materials used in the US today. At 94%, wood accounts for the vast majority of all buildings constructed today with concrete block coming in second. All other types of material for home construction currently account for less than 2% of the market. Comparisons below include all materials needed for a finished wall system, i.e. fiberglass insulation, drywall, sheathing, siding, vapor barriers, etc. Some of the comparisons say **✓/✗**, meaning that if installed correctly, the answer is yes, if installed as customary, no.

1.7 Building Material Comparison Chart

	Wood	Concrete Block	Steel	Rammed Earth	Adobe	Fired Brick	SIPS	Titan Brick
Fire resistant	✗	✗	✗	✓	✓	✓	✗	✓
Water resistant	✗	✓	✗	✗	✗	✓	✗	✓
Insect resistant	✗	✗	✗	✗	✗	✗	✗	✓
Mold & Mildew resistant	✗	✗	✗	✗	✗	✗	✗	✓
High insulation value	✗	✗	✗	✓	✓	✓/✗	✓	✓
Storm resistant	✗	✗	✗	✗	✗	✗	✓	✓
Long lasting	✗	✗	✗	✗	✓/✗	✓	✗	✓
Min skilled labor needed	✗	✗	✗	✓	✓	✗	✗	✓
Little maintenance needed	✗	✗	✗	✗	✗	✓	✗	✓
Cost less than wood	✗	✗	✗	✓	✗	✗	✗	✓
Eco manufacturing process	✗	✗	✗	✓	✓	✗	✗	✓
Green product	✗	✗	✗	✓	✓	✗	✗	✓
Easily installed	✗	✗	✗	✗	✗	✗	✗	✓
Sound resistant	✗	✗	✗	✓	✗	✓	✓/✗	✓
Paint bond	✗	✗	✗	✗	✓	✗	✓/✗	✓
Easily tooled	✓	✗	✗	✗	✗	✗	✓	✓
Cosmetically appealing	✓	✓	✓/✗	✗	✗	✓/✗	✓	✓



DISCLAIMER: Although the referenced brick in the chart above has been through rigorous testing; the chart was constructed by management based on their opinion of the properties of certain building material. Please do not rely on the chart to make an investment decision. Although the compressed earth brick's properties have been independently tested and many of its properties verified; Management cannot and does not claim that the chart is based on facts.

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