

Details: **VBUCK® Value Analysis**

Costs associated with creating openings in Insulating Concrete Form structures are often reviewed when value engineering a particular structure. Builders and buyers alike want the best value for their money. One may consider the up-front costs vs. the long-term benefits of each product. This matrix may help with assessing value, cost and performance of redwood, ACQ lumber, LVL lumber and VBUCK®.

4 X 4 window in 11" ICF

Material	Cost	J-bolts	Window Fastener	Labor	Bracing	Total	Comments
Redwood	\$77.07	\$3.00	\$1.50	\$15.00	Yes	\$96.57	Warping & Shrinking
ACQ	\$37.91	\$6.00	\$10.00 stainless steel recommended	\$15.00	Yes	\$68.91	Warranties void when material is cut. Use corrosion resistant fasteners.
LVL	\$62.90	\$3.00	\$1.50	\$15.00	Minimal	\$82.40	Could have pest problems: termites etc.
VBUCK®	\$70.88	none needed	\$1.50	\$5.00	Yes	\$77.38	

Labor and material prices may be different due to location and availability of products.

The above prices were averaged from those at various lumber yards in the northern Utah area (October 12, 2006). The price of labor may vary from region to region.

VBUCK®

U.S. PAT. 5,996,293 & 6,070,375
Canadian PAT. 2,255,256

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