

NUDURA™ vs. Wood-Frame



COMFORT & QUIET

R-Value	up to R-50	R-11 to R-19
Effective R-Value of Wall	up to R-50	R-9 to R-16
Annual Heating & Cooling Cost Example	\$480/yr	\$2400/yr
Thermal Mass	up to 65 Lbs/sq.ft.	2 Lbs/sq.ft.
Typical Air Leakage	0.1 ACH	0.4 ACH
Drafts	No	Yes
Even Room temps throughout house	Yes	No
Noise Reduction	Yes, up to STC55	STC 37
Reduces Indoor Pollen	Yes	No

STRENGTH & DURABILITY

Bearing Capacity Top of Wall	up to 30,000 PLF	4,000 PLF
Wind capacity	up to 200 mph+	80 mph
Fire Rating	up to 3 hours +	Not Rated
Flying Debris Protection	Yes	No
Bullet Resistant	Yes	No
Protects against termites and pest	Yes	No
Less Maintenance	Yes	No
Nail Pop	No	Yes
Wood Rot	No	Yes
Wood Split and Warp	No	Yes
Promotes Mold Growth	No	Yes

ADDITIONAL BENEFITS

Environmental Advantages	Saves Trees	No
Insurance Advantage	10 to 30 % Less	None
Qualifies for Higher Loan	Yes	No
Appraisal Advantage	Yes	No