



BUILD STRONG. BUILD FORWARD.

GIGAPANEL COMPARATIVE TECHNICAL INFORMATION

ATTRIBUTE	WOOD STUD	STEEL STUD	CMU BLOCK	SIPS	ICF	GIGAPANEL
AVERAGE TRADES REQD	11	11	8	10	9	4
INSULATION R-VALUE	16	16	16	25	25	28+
HURRICANE RESISTANCE	NO	YES	YES	NO	YES	YES
SEISMIC RESISTANCE	NO	YES	NO	NO	YES	YES
VAPOR RESISTANCE	NO	NO	NO	NO	YES	YES
MOLD RESISTANCE	NO	YES	NO	NO	NO	YES
MILDEW RESISTANCE	NO	YES	NO	NO	NO	YES
INSECT RESISTANCE	NO	YES	YES	NO	YES	YES
VERMIN RESISTANCE	NO	YES	YES	NO	YES	YES
FIRE RESISTANCE	POOR	GOOD	GOOD	POOR	GOOD	GOOD
TOXICITY PRODUCED	HIGH	LOW	LOW	HIGH	LOW	VERY LOW
AIR LEAKAGE	0.35	0.35	0.3	0.2	0.09	0.05
TIME TO COMPLETE	SLOW	SLOW	VERY SLOW	FAST	SLOW	VERY FAST
WEIGHT PER kgs./m2	19.5	24.4	244	24.4	268.5	24
RECYCLABILITY %	0.15	0.5	75%	10%	35%	99%

CONCLUSIONS

- Faster construction times than conventional construction
- Significantly reduced labor costs = 10% to 50% typical cost savings
- Reduced project timeline costs
- Higher R-Values
- Higher resistance levels in all areas
- Higher recyclability
- Healthier materials

GIGAPANEL SPECIFICATIONS

Engineered up to 200 MPH wind speeds
 Engineered to suit all Seismic Zones
 Mold, Mildew, Insect and Vermin Resistant
 Meets IBC Fire Testing Standards
 Meets Steel Framed Construction standards

MATERIALS USED

1.0 to 2.0 lbs. density EPS foam, meets ASTM 84
 StuccoMax exterior cementitious coating using natural Limestone fillers, Fiberglass mesh, NO SILICA SAND
 PlasterMax interior fire rated ceramic plaster direct applied over foam, no gypsum board. Meets NFPA 286, ASTM E84, ASTM E136, ASTM G121, ASTM C587. Utilizing Natural Limestone fillers, Fiberglass mesh, No silica sand.