




Comparison of FORTIFIED Home™ and the Louisiana Uniform Code

Level	Detail	FORTIFIED Home™ Hurricane Designation	LA Uniform Construction Code 2021 for V _{ult} >130 MPH (Wind Design Required)	Cost Difference
 FORTIFIED Roof	Roof sheathing must be a minimum of 15/32"	✓	✓	n/a
	Maximum roof members spacing is 24" o.c.	✓	✓	n/a
	Only one layer of roof cover allowed	✓	Multiple layers sometimes allowed	\$
	Roof deck attached with ring shank nails (RSRS-01 - 0.113" diameter x 2 3/8")	✓	RSRS-03 nail (2 1/2 x .131) or a 10d box nail.	\$0 to \$
	Roof deck nailing pattern is 4" o.c. in all areas*	✓	Varies by location	\$
	Sealed roof deck required	✓	✓	n/a
	Drip edge nailed at 4" o.c. and installed over underlayment	✓	Installed under underlayment with nails at 12" o.c.	\$0 to \$
	New flashing must be installed for both new roofs and reroofs	✓	When reroofing, undamaged flashing may be reused.	\$0 to \$
	Asphalt Shingles meet ASTM D3161 Class F or ASTM D7158 Class H standard	✓	Additional standards allowed	\$
	Other roof coverings (e.g., tile or metal) allowed but must meet appropriate design pressures	✓	✓	n/a
	Attic vents must be TAS 100(A) rated	✓	No rating required	\$
	Photovoltaic (PV) Systems allowed but must be properly designed	✓	✓	n/a
 FORTIFIED Silver	Impact resistance/protection required for any glazing on Windows, Skylights, and Doors	✓	Impact resistance required in windborne debris region only	\$\$\$*
	Garage doors must have adequate pressure resistance	✓	✓	n/a
	Garage doors must have impact resistance/protection for any glazing	✓	Impact resistance only required in windborne debris area	\$\$\$*
	Gable end bracing is required for gables over 3' tall (2021 IEBC App C Chapter C1)	✓	No specific requirements	\$0 to \$
	Gable end sheathing is required	✓	Sheathing not required	\$
	Gable end overhangs must be constructed with outlooker framing	✓	Multiple framing options allowed	n/a
	Gable end rake soffits may not be vented	✓	Vented soffits permitted	n/a
	Flexible soffits larger than 12" o.c. must have supports	✓	Support required for flexible soffits over 16" o.c.	\$
	Chimney must have additional bracing	✓	Bracing not required	\$
	Attached structures must have a continuous load path	✓	Fewer detailed requirements	\$\$
 FORTIFIED Gold	Windows, skylights, and doors must meet appropriate pressure rating	✓	✓	n/a
	Walls must have 7/16" wood structural panel or equivalent impact resistance	✓	✓	n/a
	Continuous Load Path (CLP), designed by Professional Engineer, is required	✓	Fewer detailed requirements	varies

* Unless site conditions require otherwise

** Outside of code defined windborne debris area only