

Building a Stronger Home With FORTIFIED Designations: Roof, Silver and Gold

FORTIFIED:

FORTIFIED is broken down into three levels, each building upon the other to provide added protection. Property owners or contractors must work with a FORTIFIED Evaluator who will document the construction process to certify the home meets the FORTIFIED standard. Once approved, the home will be issued a FORTIFIED designation certificate.

FORTIFIED ROOF:

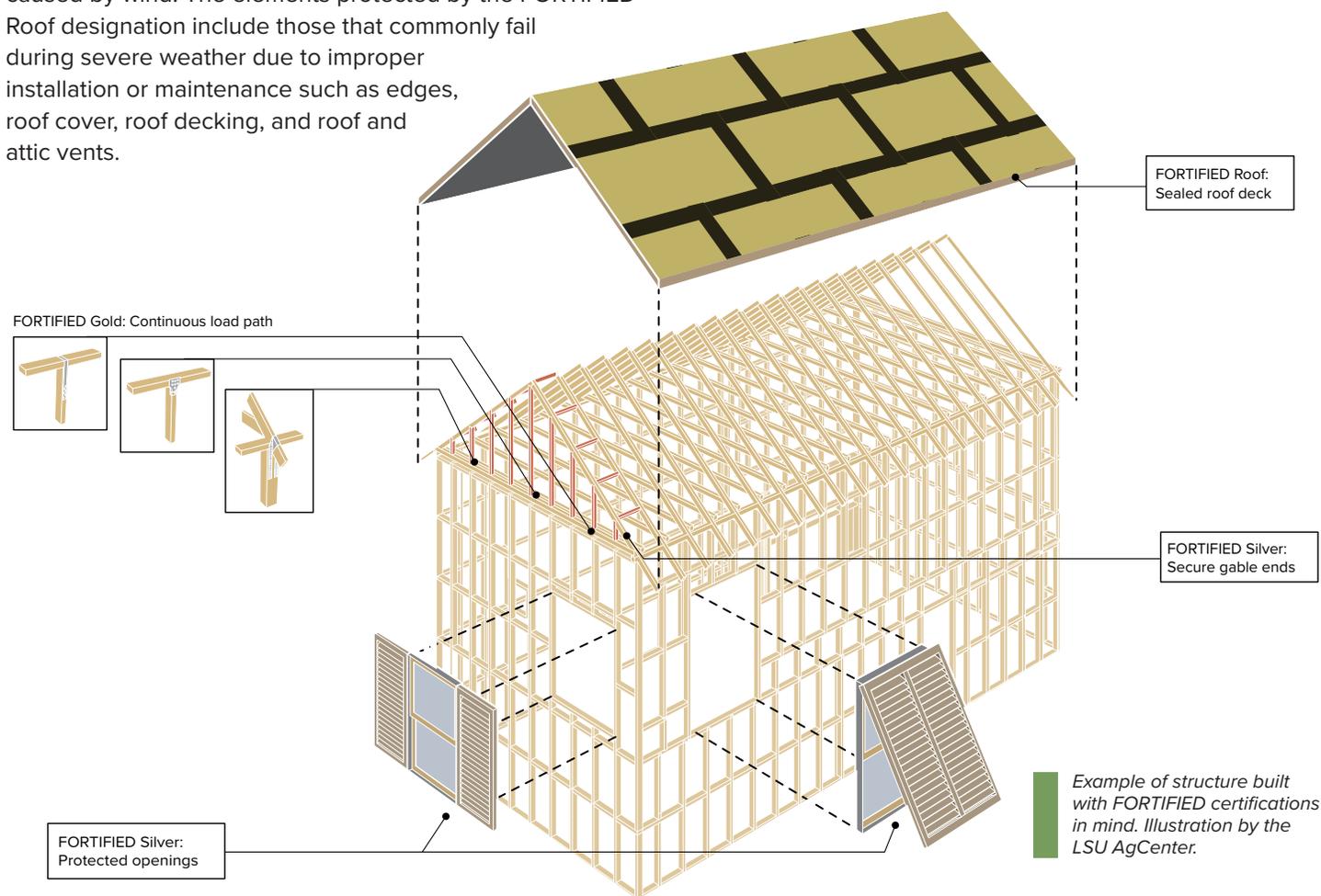
FORTIFIED begins at the roof because the roof is the first line of defense against severe weather. This level includes protection against water entering the home and roof uplift caused by wind. The elements protected by the FORTIFIED Roof designation include those that commonly fail during severe weather due to improper installation or maintenance such as edges, roof cover, roof decking, and roof and attic vents.

FORTIFIED SILVER:

FORTIFIED Silver builds on the FORTIFIED Roof designation and focuses on strengthening the building envelope (windows, doors and gable ends). This designation also focuses on strengthening attached structures such as porches and carports to reduce the impact of wind pressure and debris.

FORTIFIED GOLD:

FORTIFIED Gold builds on the Roof and Silver designations by adding requirements for a continuous load path, which ties the roof to the walls and the walls to the foundation.



FORTIFIED Designations: Roof, Silver and Gold



- Wind-driven rain management system.
- More nails in plywood roof decking using ring shank nails, which doubles the strength of the roof deck attachment.
- Locked down edges (drip edge goes over underlayment system and nailed with tighter spacing).
- Wind-uplift resistance.
- Roof and attic vents.
- Sealed roof deck.



- Includes all requirements of previous designation level.
- Impact protection for windows and doors.
- Impact and pressure rated garage door.
- Gable end bracing.
- Anchored attached structures.
- Chimney bracing – metal connectors at chimney corners, blocking between roof and chimney.
- Reinforced soffits – extra bracing for vinyl/aluminum soffits greater than 12 inches wide.



- Includes all requirements of previous designation level.
- Continuous load path.
- Impact resistant sheathing.
- Windows and doors that can survive the pressure from disasters.



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