



Documentation listed in this section will need to be collected by the manufacturing plant and provided to the certified FORTIFIED Evaluator, who will submit a complete designation application to IBHS.



NOTE: All sections in this checklist refer to the 2020 FORTIFIED Home™ Standard.

NOTE: This checklist assumes modular home units will not include garage doors and will have shingle or metal roof covers only.

Design

- Signed and sealed building (unit) design plans
- For openings, required site design wall wind pressures for all doors and windows must be included in design plans
- For metal roof covers, required site design uplift pressures for all roof zones must be included in design plans
- For metal roof covers, certified test report for metal panel system (Refer to section 2.8.1)
- Signed and sealed foundation design plan
- If not available on product labels/stickers, documentation of impact and design pressure rating for all openings (i.e. windows, doors, skylights, etc.)

Plant Production

**ALL PLANT PHOTOS MUST IDENTIFY UNIT NUMBER
AND BE STAMPED WITH TIME AND DATE**

- Verify Roof Structural Members (Section 2.5):
 - Documentation:** 1 photo minimum showing at least 3 exposed roof members (i.e. trusses, rafters) with tape measure between roof members to show on center spacing
- Verify Roof Deck Thickness (Section 4.1)
 - Documentation:** 1 photo of sheathing type and thickness, i.e. plywood/OSB grade stamp or sheathing edge with tape measure
- Verify Roof Deck Attachment and Fastener Type (Section 4.2)
 - Documentation:** 1 photo showing type of fastener used – photos must show either carton label indicating nail type and size, or full nails clearly showing ring shank with tape measure showing length (required minimum 8D ring shank as specified in Section 2.6)
 - Documentation:** 8 total photos showing maximum nail spacing: 4 photos must be taken from different locations above roof deck showing nail spacing with tape measure in four different locations, and 4 photos must be provided from four different locations below roof the deck. Each photo in attic must include 2 consecutive structural roof members (truss and/or rafter) and show any areas where excessive shiners are present



FORTIFIED GOLD - MODULAR HOME DOCUMENTATION CHECKLIST

Manufacturing Plant

For FORTIFIED Home™ - Gold New Roof Designations

- Verify Sealed Roof Deck (Section 4.4)
 - 📷 **Documentation for all sealed roof deck methods:** 1 legible photo of each label for each approved synthetic underlayment, 30# felt, self-adhered underlayment, and/or seam tape product showing ASTM
 - 📷 **Documentation for taped seams and underlayment – Section 4.4.1.1** (see below):
 - 4 overall photos (one from each elevation) after seams are taped
 - 4 overall photos (one from each elevation) after underlayment/anchor sheet is installed
 - 2 closer photos showing underlayment/anchor sheet nailing pattern
 - For tile roof cover, 4 photos (one from each elevation) showing installed cap sheet.
 - For homes to be installed within 3000 ft of a saltwater shoreline, 1 photo of packaging for cap nails used to attach underlayment to roof deck showing that they meet [IBHS](#)

TIP: Collect fastener documentation in plant regardless of sited location.
 - 📷 **Documentation for 2-Ply Underlayment – Section 4.4.1.2:**
 - 4 overall photos (one from each elevation) showing installed underlayment
 - 2 closer photos showing underlayment nailing pattern
 - For homes to be installed within 3000 ft of a saltwater shoreline, 1 photo of packaging for cap nails used to attach underlayment to roof deck showing that they meet [FORTIFIED Corrosion Protection Requirements](#)

TIP: Collect fastener documentation in plant regardless of sited location.
 - 📷 **Documentation for Self-Adhered Membrane – Sections 4.4.1.3 and 4.4.2.2:**
 - 4 overall photos (one from each elevation) showing installed membrane before bond break is applied
 - if bond break is applied, 4 photos from different eave/rake locations showing bond break held back 8" from edge
 - 📷 **Documentation for Closed Cell Spray Foam – Section 3.2:**
 - 4 photos from different areas within attic showing spray foam installation at sheathing joints and roof framing members
 - Documentation from the installing contractor identifying the manufacturer and product
- Verify Drip Edge (Section 4.5)
 - 📷 **Documentation:** 4 photos from different areas showing drip edge installation and nailing pattern
- Verify Roof Cover Rating and Attachment (Sections 4.7 and 4.8)
 - 📷 **Documentation for all roof covers:** Minimum roof slope for all roof cover types present on the home
Some examples of how roof slope can be documented are by holding a T-square up to the roof eave to show "rise over run", by placing an inclinometer on the roof and photographing the reading, or by using a mobile app to measure and including a photo capture of the results.
 - 📷 **Documentation for all roof covers:** 4 finished elevation photos from each side of the home showing installed roof cover
 - 📷 **Documentation for asphalt shingle roof covers if shingle installed in plant** (see below):
 - 1 photo of shingle packaging showing manufacturer and product name
 - 1 photo of shingle packaging showing shingle ASTM rating and class
 - 4 photos of starter strip installation from different areas (include eave and rake)
For homes to be installed within 3000 ft of a saltwater shoreline, photo of shingle nail packaging showing nails meet [FORTIFIED Corrosion Protection Requirements](#)

TIP: Collect fastener documentation in plant regardless of sited location

📷 **For Hail Supplement Only:** 1 photo of shingle packaging showing hail rating OR documentation showing IBHS or other hail impact rating (Refer to Section 7.2.1)



FORTIFIED GOLD - MODULAR HOME DOCUMENTATION CHECKLIST

Manufacturing Plant

For FORTIFIED Home™ - Gold New Roof Designations

- ☑ **Documentation for metal panel roof covers if metal roof installed in plant** (see below):
 - **For exposed fasteners:** 1 photo of metal panel fastener packaging showing manufacturer, product, type and size. For homes to be installed within 3000 ft of a saltwater shoreline, photo must show that fasteners meet [FORTIFIED Corrosion Protection Requirements](#)
 - 4 photos from different locations showing installed metal panel fastener spacing with tape measure in all roof zones
- ☑ For Hail Supplement Only: 1 photo of metal panel packaging showing hail rating or other documentation showing hail impact rating (Refer to Section 7.2.3)



- ☐ **Hurricane Only:** Verify Attic Vents and Covers (Section 4.9)

- ☑ **Documentation:** Minimum of 1 legible photo of packaging for each roof mounted vent showing manufacturer, model and TAS 100(A) rating. Product information (pdf) may also be included



- ☐ **Hurricane Only:** Verify Windows and Skylights Impact Rating (Section 5.2)

- ☑ **Documentation:** 2 photos for each type of window or impact-rated window cover; one overall photo and one photo showing label with impact rating
- ☑ **Documentation:** 2 photos for each skylight; one overall photo and one photo showing label with impact rating



- ☐ **Hurricane Only:** Verify Entry Doors Impact Rating (Section 5.3)

- ☑ **Documentation:** 2 photos for each type of entry door or impact-rated entry door cover; one overall photo and one photo showing label with impact rating

- ☐ Verify Gable End Wall Sheathing (Section 5.5.1)

- ☑ **Documentation:** 1 photo per gable end showing sheathing type and thickness by plywood/OSB stamp or sheathing edge with tape measure from within the attic

- ☐ Verify Gable End Wall Framing and Bracing (Section 5.5.2)

- ☑ **Documentation:** 2 photos per gable end showing bracing at top and at bottom and connection to supporting wall below from within the attic



- ☐ **Hurricane Only:** Verify Gable End Overhang Construction (5.5.3)

- ☑ **Documentation:** 1 photo per gable end showing length of gable end overhangs with tape measure
- ☑ **Documentation:** 1 photo per gable end showing overhang framing from within the attic. Photos must show that gable end rake soffits are NOT vented.



- ☐ **Hurricane Only:** Verify Soffits (Section 5.6)

- ☑ **Documentation for flexible soffits:** 1 photo with tape measure showing length of overhang and flexible soffit cover
- ☑ **Documentation for flexible soffit covers requiring intermediate bracing:** 1 photo showing intermediate bracing per FORTIFIED Standard Detail [F-S-1](#)
- ☑ **Documentation for rigid soffit covers:** 1 photo showing rigid soffit cover
- ☑ **Documentation:** For homes to be installed within 3000 ft of a saltwater shoreline, documentation must be provided that exposed soffit fasteners meet [FORTIFIED Corrosion Protection Requirements](#)

TIP: Collect soffit fastener documentation in plant regardless of sited location



FORTIFIED GOLD - MODULAR HOME DOCUMENTATION CHECKLIST

Manufacturing Plant

For FORTIFIED Home™ - Gold New Roof Designations

- Verify Attached Structure Connections (Section 5.8) (i.e. porch/carport installed in plant)
 -  **Documentation:** 1 photo showing roof member connection to roof beam with metal connectors
 -  **Documentation:** 1 photo showing connection of roof beam to column with metal connectors or a minimum of (2) bolts
 - Documentation:** For homes to be installed within 3000 ft of a saltwater shoreline, documentation must be provided that exposed attached structure connectors, anchors and fasteners meet [FORTIFIED Corrosion Protection Requirements](#)
 - TIP: Collect anchor/ fastener documentation in plant regardless of sited location**

-  **Hurricane Only:** Verify Design Pressure Rating of Windows and Doors (Section 6.2)
 -  **Documentation:** 2 photos for each type of opening; one overall photo and one photo showing label with design pressure rating
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-  **Hurricane Only:** Verify Wall Impact Resistance (Section 6.3)
 -  **Documentation:** 2 photos showing type and thickness of wall sheathing. Photos must show that exterior is fully sheathed

- Verify Continuous Load Path (CLP) (Section 6.4)
 -  **Documentation:** 1 photo for each type of roof to wall connection clearly showing connectors
 -  **Documentation:** If second story is attached at the plant 1 photo for each type of wall above to wall below connection installed in plant, clearly showing connectors and/or lapped sheathing
 -  **For sheathed exterior walls, failure to observe at minimum, lapped sheathing at story levels (or vertical metal strap connectors AND horizontal framing plates if sheathing is not lapped) automatically DISQUALIFIES the home from meeting FORTIFIED Gold requirements.**
 -  **Documentation:** For homes to be installed within 3000 ft of a saltwater shoreline, documentation must be provided that exposed CLP connectors, anchors and fasteners meet [FORTIFIED Corrosion Protection Requirements](#)
 - TIP: Collect fastener documentation in plant regardless of sited location**



FORTIFIED GOLD - MODULAR HOME DOCUMENTATION CHECKLIST

Field Installation/ Complete Exterior

For FORTIFIED Home™ - Gold New Roof Designations

Documentation listed in this section will need to be collected by the certified FORTIFIED Evaluator, who will submit a complete designation application to IBHS. Coordination with the installation contractor is critical for success.



NOTE: All sections in this checklist refer to the 2020 FORTIFIED Home™ Standard.

NOTE: This checklist assumes modular home units will not include garage doors and will have shingle or metal roof covers only.

ALL PHOTOS MUST BE SITE SPECIFIC

verified by geolocation stamp or home address visible in photo

- Verify Sealed Roof Deck (Section 4.4)
 - Documentation for hinged roofs:** Photos of each roof section raised in field with sealed roof deck installed in field
- Verify Roof Cover Rating and Attachment (Sections 4.7 and 4.8)
 - Documentation for metal panel roof covers** (if not completed at the manufacturing plant):
 - **For exposed fasteners:** 1 photo of metal panel fastener packaging showing manufacturer, product, type and size. For homes within 3000 ft of a saltwater shoreline, photo must show that fasteners meet [FORTIFIED Corrosion Protection Requirements](#)
 - 4 photos from different locations showing installed metal panel fastener spacing with tape measure in all roof zones



- Hurricane Only:** Verify Attic Vents and Covers (Section 4.9)
 - Documentation:** 1 photo of each gable end vent that is open to the attic space, showing a temporary cover to be used when a storm approaches and that permanent hardware, for attaching the cover is installed
- Verify Gable End Wall Framing and Bracing (Section 5.5.2)
 - Documentation** (if not completed at the manufacturing plant): 2 photos per gable end showing bracing at top and at bottom and connection to supporting wall below from within the attic



- Hurricane Only:** Verify Windows, Skylights and Entry Doors Impact Rating (Section 5.2 and 5.3)
 - Documentation** (if applicable): photos showing permanent anchor installation for temporary impact protection systems and that temporary impact protection systems are stored onsite
- Verify Chimney Connections (Section 5.7)
 - Documentation** (if applicable): 1 photo per chimney showing location of chimney on exterior of home
- Verify Attached Structure Connections (Section 5.8)
 - Documentation** (if not completed at the manufacturing plant): 1 photo showing roof member connection to roof beam with metal connectors
 - Documentation** (if not completed at the manufacturing plant): 1 photo showing connection of roof beam to column with metal connectors or a minimum of (2) bolts



MODULAR HOME DOCUMENTATION CHECKLIST

Field Installation/ Complete Exterior

For FORTIFIED Home™ - Gold New Roof Designations

- 📷 **Documentation** (if not completed at the manufacturing plant): For homes within 3000 ft of a saltwater shoreline, documentation must be provided that exposed attached structure connectors, anchors and fasteners meet [FORTIFIED Corrosion Protection Requirements](#)
- 📷 **Documentation** (if not completed at the manufacturing plant): 1 photo showing column connection to foundation with metal connectors or a minimum of (2) bolts
- ⚠️ **Note: for multi-level attached structures, collect all documentation provided on [Evaluator documentation checklist](#) - engineering design is required.**

- Verify Continuous Load Path (CLP) Connections (Section 6.4)
 - 📷 **Documentation:** Photos of unit connections in the field as applicable, i.e.;
 - Floor mating structural interconnections
 - End wall mating structural interconnections
 - Roof truss structural interconnections
 - Hinged top chords
 - Gable end structural interconnections
 - 📷 **Documentation:** Photos of permanent foundation with unit sited on top showing positive anchorage to structure
 - 📷 **Documentation:** 1 photo for each type of lower wall to foundation connection clearly showing connections spaced at 48" O.C. maximum
 - 📷 **Documentation:** 1 photo of typical hold down/tension tie at building corners

- Accessory Roofs (Reference Technical Bulletin [FH 2023-03](#))
 - 📷 Attached structures that interfere with or interrupt the main roof and/or the main roof cover of the home will affect the home's eligibility for the Roof level of designation. Please refer to Technical Bulletin FH 2023-03 for information on eligibility and compliance of accessory roof structures and provide the required documentation for accessory roofs that interfere with the main roof as applicable.

- Finished Elevation Photos
 - 📷 **Documentation:** 4 elevation photos of the completed home, one from each face of the dwelling
 - 📷 **Documentation:** finished elevation photos from each side of the home showing the fully installed roof cover

- Verify Installer and Other Contractors as Applicable Have Completed FORTIFIED Compliance Form
 - 📷 **Documentation:** Completed FORTIFIED Home – Site Installation Compliance Form for Modular Construction Compliance Form signed by the installer contractor