FORTIFIED Commercial™— 2025 Wind Existing Construction, Steep-Sloped (>10°) Re-Roofing

This form captures the specific construction details for existing construction, steep-sloped re-roofing. Qualifications are listed in section 3.1.1 of the FORTIFIED Commercial—2025 Wind standard.

This form is to be filled out by the project architect, a licensed structural engineer, and the general contractor and/or roofer. It confirms the requirements for the selected FORTIFIED level have been included in the building documents and the contractor and/or roofer is aware of these requirements.

Fill out only the applicable sections. Some portions of the sections may pertain only to Hurricane or High Wind—fill out accordingly depending on your building's exposure.

Compliance Agreement

I, the DESIGNER COMPLETING THIS CHECKLIST, understand and agree that:

- The FORTIFIED Commercial—2025 Wind Existing Construction, Steep-Slope Re-Roofing Form must be completed FULLY and CORRECTLY for the applicable hazards.
- I will provide engineered plans (and all other necessary documentation) that verify the structure meets FORTIFIED design criteria BEFORE construction starts. These plans and documents must be:
 - Legible

Full Name:

operations

- Complete
- Certified by the Professional of Record
- Included with this document
- The plans submitted will comply with all local building codes and with the FORTIFIED Commercial criteria as detailed in the FORTIFIED Commercial—2025 Wind standard.

Lice	nse/Registration Number:		
Sigr	nature:		
Dat	e:		
На	Hazard and FORTIFIED Level		
Select the site-specific hazard¹: ☐ Hurricane ☐ High Wind			
Select the FORTIFIED Commercia Wind level being pursued:			
	☐ FORTIFIED Roof TM —Enhanced roof performance		
	☐ FORTIFIED Silver™ —FORTIFIED Roof requirements plus building		
_	, , , ,		
	envelope protection and reduction of business operations		
	downtime		
	☐ FORTIFIED Gold™ —FORTIFIED Silver requirements plus		
	enhanced structural performance and maintaining business		

¹Hurricane-prone regions are areas vulnerable to hurricanes as defined in ASCE 7. See section 1.4 of the FORTIFIED Commercial—2025 Wind standard for more information.

1.0 Building Overview	
Street Address:	
City:	
State:	
Zip Code:	
Year of Construction:	
Existing buildings with wood frame roofs must be constructed in accordance with the 2000 IBC or later for eligibility.	
☐ Yes ☐ No ☐ N/A	
Please select the option which best describes the buildings proximito saltwater: Within 300 feet	ty
\square More than 300 ft but less than 1,000 ft	
☐ More than 1,000 ft but less than 3,000 ft ☐ More than 3,000 ft	
Corrosion protection requirements outlined in section 3.1.4 of the FORTIFIED Commercial— 2025 Wind standard have been implemented	
Project Status	
Tentative Re-Roofing Start Date:	
Tentative Completion Date:	
$\hfill\Box$ Re-covering applications are not permitted. Check box to confirm this method is not being used.	n

Select the option(s) which best describe the building:	The building's first finished floor is located above the 500-year flood level.
deck ² ☐ Steep-slope re-roofing with new structural roof deck ☐ Steep-slope re-roofing with new structural roof deck	 500-year flood level (ft): The building's first finished floors is located 3 ft above the base flood elevation. Flood level (ft):
and new roof framing members ☐ Other³:	☐ Dry flood protection such as flood gates, walls, or doors, inflatable barriers, sand bags, or similar devices are readily available on site to help mitigate water intrusion.
General Building Characteristic	☐ Not applicable (N/A)
Number of Stories:	Hail—Recommended Protection (Not Required)
Roof Slope:	Are you seeking the Hail Supplement? ☐ Yes ☐ No If yes , select one
Gross Square Footage (sq ft):	of the following options for the installed roof cover:
Building Dimensions (ft):	☐ FM Approval Standard 4473 Class 4
Length:	☐ UL 2218 Class 4
Width:	☐ Not Applicable
Height:	Existing Conditions Verification
Occupancy Type: Wall/Framing (gravity system) [select all that apply]:	Foundations
☐ Concrete ☐ Masonry ☐ Steel ☐ Light Gauge	Check the box beside each requirement to indicate that the existing foundation is in accordance with the standard. Fill out requested information where indicated.
□ Wood	☐ The existing foundation system is NOT constructed of
□Other:	unrestrained stacked masonry or stone (dry-stacked foundation).
Lateral System [select all that apply]:	☐ The existing foundation system has adequate positive connections from the floor or wall structure to support the
☐ Moment Frames or Braced Frames	foundation. ⁵
☐ Shear Walls	Steep-Slope Re-Roofing Using Existing
☐ Other:	Structural Roof Deck Yes ☐ No ☐
Flood—Recommended Whole-Building Protection (Not Required)	If the existing structural roof deck is going to be re-used, complete the following section.
While protecting electrical and mechanical systems from flood is a requirement of FORTIFIED Silver, whole-building protection against the flood hazard is not be required under FORTIFIED Commercial.	Check the box beside each requirement to indicate that the existing structural roof deck is in accordance with the standard. Fill out requested information where indicated.
First finished floor elevation (ft):	Existing deck material [select all that apply]:
FEMA-designated flood zone ⁴ :	☐ Structural Metal Panel
If located in a FEMA-designated flood zone (V, A, B, D, and	☐ Plywood
X-shaded), please select one of the following options:	Thickness (in.):
2All damaged or deteriorated roof dock must be removed and	4Flood zone as defined by EEMA

²All damaged or deteriorated roof deck must be removed and replaced. See section 3.1.1.2.2 of the FORTIFIED Commercial— 2025 Wind standard

³Must be confirmed/approved by IBHS and/or the FORTIFIED Commercial Evaluator.

⁴Flood zone as defined by FEMA.

⁵ When seeking FORTIFIED Gold, the existing foundation systems must be evaluated by the structural engineer of record. Additional information and on-site testing may be required to verify the structural capacity of the existing conditions.

☐ Oriented Strand Board	Supporting wood members were not cut or notched when removing	
Thickness (in.):	the damaged existing deck.	
☐ Other:	□Yes □No □N/A	
$\hfill\Box$ The existing structural roof deck was inspected after old roofing materials were removed.	Roof framing members below the deteriorated roof deck were evaluated for damage.	
Were there any locations where the existing structural roof deck was damaged or deteriorated? ⁶	☐Yes ☐No ¼ in. of the surface was deteriorated or damaged?	
□Yes □No	□Yes □No □N/A	
If YES, was selected please describe the type of damage.		
	If yes was indicated that ¼ in. of the structural framing member was damaged or deteriorated, then the members must be evaluated by a structural engineer. Please provide the signed and sealed conditions report by a licensed structural engineer.	
Fill out the following if damage or deterioration existing structural	Steep-Slope Re-Roofing with New Structural	
deck was indicated:	Roof Deck and New Roof Framing Members	
Supporting wood members were not cut or notched when removing the damaged existing deck.	Yes □ No □	
□Yes □No □N/A	If the existing structural roof deck and roof framing members are	
The damaged sections of the deck were removed, and the entire sheet was replaced with the same deck type and thickness as the existing.	going to be replaced with new ones, please complete the following section.	
□Yes □No	The roof framing plans are submitted with this document.	
If the roof deck is damaged, there is a possibility that the	□Yes □No	
framing members are damaged as well.	2.0.FORTIFIED D (
Roof framing members below the deteriorated roof deck	3.0 FORTIFIED Roof	
were evaluated for damage.	Roof Configuration	
□Yes □No	Does the building have more than one roof type? \square Yes \square No	
For wood, ¼ in. of the surface was deteriorated or damaged?	If yes, please fill out the steep slope roof details section for the corresponding quantity of roof systems. Number of	
□Yes □No □N/A	different roof types are	
If yes was indicated that $\ensuremath{\ensuremath{\%}}$ in. of the structural framing	Does the building have roofs at multiple heights? ☐Yes ☐No	
member was damaged or deteriorated, then the members must be evaluated by a structural engineer. Please provide the signed and sealed conditions report by a licensed	If yes, are the heights different enough that roof systems with different wind ratings are specified? $\ \square$ YES $\ \square$ No	
structural engineer.	If yes, fill out the steep slope roof details section for each	
Steep-Slope Re-Roofing with New Structural	roof system with a different wind rating.	
Roof Deck Yes □ No □	General Information	
If the existing structural roof deck is going to be replaced with a new	Roof Type Number:Out of:	
one, please complete the following section. Check the box beside each requirement to indicate that the existing structural roof	Roof Slope (degrees):	
framing is in accordance with the standard. Fill out requested	Average Roof Height (ft):	
information where indicated.	ASCE 7 Roof Dimension "a" (ft):	
⁶ Damage or deterioration could be from moisture, weathering, or	spongy wood, wood swelling or buckling, delaminating (plywood),	

insect infestation. Damaged or deteriorated deck would generally be marked by one of more of the following characterizes: soft or

excessive rusting or crumbling and flaking of the wood.

Re-roofing Code Specification 3.1 Steep-Slope Re-Roofing Details Asphalt Shingles and Architectural Metal Panel Select the applicable code and fill out the corresponding information: Yes □ N/A □ ☐ ASCE 7-10 Select either asphalt shingles or architectural metal panels and fill out the corresponding information. Additionally, provide ☐ Risk Category II information regarding the sealed roof deck. ☐ Risk Category III **Asphalt Shingles** ☐ Risk Category IV Design wind speed (Vult): _____ mph If the building is less and 60 ft tall, select one of the following ☐ ASCE 7-16 options from the table. If not, additional engineering calculations are ☐ Risk Category II required and must be submitted with this form. ☐ Risk Category III ☐ Risk Category IV SHINGLE TESTING WIND SPEED WIND SPEED SELECTION Design wind speed (V_{ult}): _____ mph (V_{asd}) (V_{ult}) CLASSIFICATION ☐ ASCE 7-22 100 MPH 129 MPH ☐ Risk Category II ☐ Risk Category III 110 MPH 142 MPH ASTM D3161 (Class F) ☐ Risk Category IV 120 MPH 155 MPH or ASTM D7158 Design wind speed (Vult): _____ mph (Class G or H) 130 MPH 168 MPH Select the applicable building code: 140 MPH 180 MPH ☐ IBC 2000 ☐ IBC 2012 150 MPH 194 MPH ☐ IBC 2003 ☐ IBC 2015 ☐ IBC 2006 ☐ IBC 2018 Manufacturer Name: ☐ IBC 2009 ☐ IBC 2021 Number of nails used to install shingles for high wind rating (per shingle tab) 7:_____ Shingles are installed at eaves using (check one): **Exposure Category and Classification** ☐ Option 1: 8-in.-wide x 1/8-in.-thick bed of flashing cement The exposure category per ASCE 7 is: ☐ Option 2: Shingle manufacturer approved ASTM D1970 \Box C \Box D fully adhered starter strip In accordance with the code selected in the above section, please Shingles are installed at rakes/gable edges using (check one): identify the building exposure classification: ☐ Option 1: 8-in.-wide x 1/8-in.-thick bed of flashing cement ☐ Partially enclosed ☐ Option 2: Manufacturer approved starter strip set in an 8-in.-wide x 1/8-in.-thick bed of flashing cement ☐ Enclosed ☐ Option 3: Shingle manufacturer approved ASTM D1970 ☐ Open fully adhered starter strip Shingles installed at intersections and valleys: ☐ 8-in.-wide x 1/8-in.-thick bed of flashing cement

Yes □ N/A □

STANDARD/

□Not applicable

⁷6 nails per shingle are usually required by shingle manufacturers for high wind installation.

Architectural Metal Panels Yes \square N/A \square	☐ ASTM D4869 Type III or Type IV(#30)
A check in the box beside each requirement indicates that the	☐ ASTM D6757 (for asphalt shingles only)
architectural metal panel installation is in accordance with the standard.	☐ Reinforced synthetic roof underlayment which has an ICC approval as an alternative to ASTM D226 Type II felt paper with a minimum tear
☐ The architectural metal panels were designed to meet the design wind pressures outlined in section 3.1.1.3.1 of the FORTIFIED Commercial— 2025 Wind standard.	strength of 15lbf in accordance with ASTM D4533 and a minimum tensile strength of 20 lbf.in. in accordance with ASTM D5035.
Provide the applicable design wind pressures (psf) for an effective wind area of 10 sq ft based on section 3.1.1.3.1 of the FORTIFIED Commercial—2025 Wind standard.	☐ OPTION 2: SELF ADHERED MEMBRANE- Cover the entire roof deck with a full layer of self-adhering polymer-modified bitumen membrane meeting ASTM D1970 requirements.
Field:(psf)	☐ OPTION 3: TWO LAYERS OF FELT UNDERLAYMENT-
Perimeter:(psf)	Install two (2) layers of one of the following code- compliant underlayment options:
Corner: (psf)	☐ ASTM D226 Type II (#30)
Select architectural metal panel system approval:	
☐ Florida Product Approval	☐ ASTM D4869 Type III or Type IV (#30)
□ ICC-ES	☐ ASTM D6757 (for asphalt shingles only)
☐ Miami-Dade	OPTION 4: 2-PLY SYNTHETIC UNDERLAYMENT- Install
□ TDI □ UL	two (2) layers of one of the following code-compliant synthetic underlayment options:
Provide the documentation number associated with the approved system (i.e., FL Number for FPA):	☐ ASTM D8257 — Mechanically Attached Polymeric Roof Underlayment Used in Steep Slope Roofing.
☐ Multiple systems ————————————————————————————————————	☐ Reinforced synthetic roof underlayment which has a current ICC, AC 188 approval as an alternate to ASTM D226 Type II felt paper. The synthetic underlayment must have a minimum tear strength of 15 lbf in accordance with ASTM D4533, a minimum tensile strength of 20 lbf/in. in accordance with ASTM D5035 and pass the ASTM D4869 liquid water transmission test.
	Concrete and Clay Tile Yes □ N/A □
Sealed Roof Deck Options for Asphalt Shingles and Metal Panels Select one of the following options to indicate how the roof deck is sealed:	Concrete and Clay Tile Material and Installation A check in the box beside each requirement indicates that the tile installation is in accordance with the standard.
 OPTION 1: FLASHING TAPE AND UNDERLAYMENT- Tape the seams between roof sheathing that forms the roof deck and add an approved underlayment. 	Select the Concrete and Clay Tile approval: ☐ Florida Product Approval ☐ TDI
☐ 4" wide ASTM D1970 self-adhering polymer- modified bitumen flashing tape.	☐ ICC-ES ☐ Miami-Dade
☐ AAMA 711-13, Level 3 self adhering flashing	\Box Clay and concrete tiles are installed over a minimum $^{15}/_{32}$ -inthick
tape.	plywood.
And apply a code compliant underlayment options over the self adhering tape:	☐ Mortar-set tile or mortar-set hip and ridge tiles are not used.
☐ ASTM D226 Type II (#30)	

☐ Hip and ridge boards or metal must be attached to the roof	
framing to resist the uplift pressure for the site design wind speed	
and exposure or in accordance with the tile manufacturer's product approval.	
☐ Hip and ridge tiles must be secured to the hip and ridge heards or	
☐ Hip and ridge tiles must be secured to the hip and ridge boards or metal with mechanical fasteners and/or an approved roof tile	
adhesive.	If applicable, please describe the sealed roof deck method:
Concrete and Clay Tile Sealed Roof Deck	
Select one of the following options to indicate how the roof deck is sealed:	_
☐ OPTION 1A: SELF-ADHERING POLYMER-MODIFIED	
BITUMEN FLASHING TAPE at least 4-in. wide meeting	
ASTM D1970. It shall be applied directly to the roof deck (or primer if required by manufacturer) to all	Structural Roof Deck and Attachment
horizontal and vertical joints in the roof deck; then a	Select the appropriate structural roof deck and fill out the
#30 ASTM D226 Type II felt or #30 ASTM D4869 Type IV felt underlayment or a reinforced synthetic	corresponding information.
underlayment which has an ICC approval as an alternate to ASTM D226 Type II felt paper installed	Plywood and Oriented Strand Board Yes □ N/A □
over the entire roof deck and secured with button cap	Select the structural deck:
nails (with 1-in. diameter) at maximum 6 in. o.c. at laps and 12 in. o.c. vertically and horizontally in the field.	☐ Plywood ☐ OSB
Horizonal laps must be minimum of 4 in. and end laps	Check the box beside each requirement to indicate that the
must be a minimum of 6 in. ¹⁰	structural roof deck and attachment installation is in accordance with the FORTIFIED Commercial— 2025 Wind standard.
☐ OPTION 1B: SELF-ADHERING AAMA 711-13, LEVEL 3 (FOR EXPOSURE UP TO 80°C/176°F) COMPLIANT	
FLEXIBLE FLASHING TAPE, at least 3¾-in. wide, applied	☐ Roof sheathing can resist the loads and load combinations
directly to the roof deck (or primer if required by	specified in ASCE 7 as outlines section 3.1.1.3.1 of the FORTIFIED Commercial— 2025 Wind standard.
manufacturer) to all horizontal and vertical joints in	Commercial 2025 Willa Standard.
the roof deck; then a #30 ASTM D226 Type II felt or	\Box Wood structural panel thickness is not less than $^{7}\!/_{16}$ in. and no
#30 ASTM D4869 Type IV felt underlayment or a	less than $^{15}/_{32}$ in. for the installation of new clay or concrete roof
reinforced synthetic underlayment which has an ICC	tiles.
approval as an alternate to ASTM D226 Type II felt paper installed over the entire roof deck and secured	Sheathing Fastening:
with button cap nails at maximum 6 in. o.c. at laps and	
2 rows spaced evenly in the field at 12 in. o.c.	Roof peak height (ft.):
☐ OPTION 2: A FULL LAYER OF SELF-ADHERING	Sheathing fastening and roof member spacing for roofs with a peak
POLYMER-MODIFIED BITUMEN MEMBRANE ("peel-	height greater than 30 feet must be designed by a structural
and-stick") meeting ASTM D1970 is installed over the	engineer. Calculations must be provided with this submittal.
entire roof deck with a second layer of minimum ASTM D226 Type I felt installed as a "bond break" between	Roof Square Footage (sq. ft.):
the peel-and-stick and the shingles.	Sheathing fastening for roofs with a peak height of 30 feet or less
	and a roof square footage greater than 5000 sq. ft. must be
Other Roof Coverings Yes \square N/A \square	designed by a structural engineer. Calculations must be provided with this submittal.
Roof type:	Roof member spacing (in.)8:
Manufacturer:	Sheathing thickness (in.):
Describe how the roof covering meets the design pressures as	Fastener type
outline in section 3.1.1.3 and that the attachments meet the design	·
pressures as outline in section 3.1.1.3.1.	☐ 8d ring-shank nails
	□ 10d ring-shank nails
SFor mean roof height less than 20 ft, the maying up allowed roof	angineer of record. For height greater than 20 feet, calculations

engineer of record. For height greater than 30 feet, calculations must be provided.

⁸For mean roof height less than 30 ft, the maximum allowed roof member spacing is 24 in. o.c. unless calculations are provided by the

calculations)	specified in ASCE 7 as outlines section 3.1.1.3.1 of the FORTIFIED
Note: Smooth-shank nails are not permitted. Fastener spacing ⁹ :	Commercial— 2025 Wind standard. Gauge:
Field:	
☐ 4 in o.c. ☐ Other:	Roof member spacing (in.):
Perimeter:	☐ Structural steel deck attachments can resist the loads and load combinations specified in ASCE 7 as outlines section 3.1.1.3 of the FORTIFIED Commercial—2025 Wind standard.
☐ 4 in. o.c. ☐ Other:	
Corner:	Describe the attachment details ¹¹ :
☐ 4 in. o.c. ☐ Other:	
Sawn Lumber or Wood Boards Yes □ N/A □	
Check the box beside each requirement to indicate that the sawn lumber or wood boards are in accordance with the standard. Fill out requested information where indicated.	☐ The structural steel deck and attachment have been verified by a structural engineer.
☐ Sawn lumber or wood board roof deck can resist the loads and	Drip Edge (Edge Flashing) Yes □ N/A □
load combinations specified in ASCE 7 as outlines section 3.1.1.3.1 of the FORTIFIED Commercial– 2025 Wind standard.	Check the box beside each requirement to indicate that the drip edge is in accordance with the standard. Fill out requested
Manufacturer:	information where indicated.
Dimensions:	☐ Minimum 26 gauge
Width (in):	☐ Joints are overlapped a minimum of 3 in.
Thickness (in):	☐ Drip edge extends ½ in. below sheathing and extends back on the
Roof member spacing (in) 10:	roof a minimum of 2 in.
☐ Sawn lumber or wood board roof deck attachments can resist the loads and load combinations specified in ASCE 7 as outlines section	☐ Mechanically fastened at 4 in. o.c. and fasteners are alternating (staggered)
3.1.1.3 of the FORTIFIED Commercial— 2025 Wind standard.	☐ Drip edge is installed over the underlayment
Describe the attachment detail:	Flashing (all non-edge flashing applications)
	Yes □ N/A □
	Check the box beside each requirement to indicate that the flashing is in accordance with the standard. Fill out requested information where indicated.
	☐ Meets the 2018 IBC
	☐ Meets the manufacturer's installation guidelines
Structural Steel Decks Yes □ N/A □	Ridge and Off-Ridge Vents Yes \square N/A \square
Check the box beside each requirement to indicate that the sawn lumber or wood boards are in accordance with the standard. Fill out requested information where indicated.	Check the box beside each requirement to indicate that the ridge and off-ridge vents are in accordance with the standard. Fill out requested information where indicated.
⁹ For fastener spacing see section 3.1.3.2.1 of the FORTIFIED	¹⁰ Measured from centerline to centerline in inches.
i or rusterier spacing see section s.r.s.z.r of the FORTH IED	micasarea from centernine to centernine in inches.

⁹For fastener spacing see section 3.1.3.2.1 of the FORTIFIED Commercial—2025 Wind standard.

¹¹Include attachment method (i.e. weld, screw), size, and spacing.

☐ Ridge and off-ridge vents are TAS 10 intrusion in high winds.	00(A) rated for resisting water	Photovoltaic Systems	YES \square N/A \square
☐ Attached to the roof per the manufac	cturer's installation guidelines.	Photovoltaic (PV) systems and their atta minimum factor of safety outlined in sec FORTIFIED Commercial— 2025 Wind star	ction 3.1.1.3 of the
Gable End Vents	Yes □ N/A □	(select all that apply): ☐ ASCE 7-16	
IBHS recommends against including ga commercial buildings built in hurricane		☐ ASCE 7-22	
be used to meet code they must meet		□SEAOC PV2	
☐ Gable end vents are TAS 100(A) rate in high winds.	ed for resisting water intrusion	☐Model-scale wind tunnel sturequirements of ASCE 49-12 (consulted)	•
☐ Attached to the roof per the manufa	cturer's installation guidelines.	2 2 Da Darefina Dhata Da	
Skylights	YES□ N/A □	3.2 Re-Roofing Photo Do This section outlines the photo docume	
Check the box beside each requiremen	· -	submitted to the FORTIFIED Commercia	
are in accordance with the FORTIFIED standard.	Commercial– 2025 Wind	Photo documentation is a supplementar FORTIFIED Commercial Evaluator inspec	t the roofing job more
☐ Skylights and their attachments are ASCE 7 wind loads and provide an uplit		efficiently. Clear and focused photos hell captured and could reduce the time of the	he overall inspection process.
section 3.1.1.3.1. Skylights must be tested and approved that applies):	at a minimum to (check one	Please submit a compressed file includir this form. Please correspond titles of ph in this document. All photos must be cle interest. IBHS or the FORTIFIED Comme	notos to the titles mentioned ear and focused on item(s) of
☐ AAMA/WDMA/CSA 101/ (CSA 101/ A440, ASTM E330	more photos.	
\Box The Florida Building Code TAS 202	Testing Application Standard	Example photos are provided at the end purposes only.	of this section for reference
☐ Installation meets the air and water ASTM E330 and ASTM E331.	r infiltration requirements of	On-Site Material Verificatio	
☐ The curb is designed to meet the n requirements with additional factor o		Wood Deck Attachment- Fastener	YES□ N/A □
3.1.1.3.		☐ Photo - manufacturer label details	I on box showing the fastener
Roof-Mounted Structures a	and Equipment	☐ Photo - nails (see figure 1)	
YES□ N/A □		Sealed Roof Deck	YES□ N/A □
Check the box beside each requirement in accordance with the FORTIFIED Comstandard.		☐ Photo - manufacturer label accordance with §3.1.3.3 of th 2025 Wind standard (i.e., rein underlayment, flashing tape, s	ne FORTIFIED Commercial— forced synthetic
$\hfill\square$ Ballasted systems are NOT used.		bitumen membrane; see figur	-
☐ All RME and their attachments have minimum factor of safety as defined in FORTIFIED Commercial—2025 Wind sta	section 3.1.1.3 of the	☐ Photo - (if applicable) unde fastener manufacturer label	
All RME and their attachments are in a following:	ccordance with one of the	Shingles and Fasteners Photo - shingle nails manuf Photo - starter strip or mas	stic manufacturer label
☐ ASCE 7-10 Section 29.5.1 ((h≤60ft)	☐ Photo - shingles manufactu testing standard/classification	_
☐ ASCE 7-16 Section 29.4			

Clay and Concrete Tiles and Attachments	YES□ N/A □	☐ Photos (Minimum of 2 locations) - decking in the corner
		area
☐ Photo - (if applicable) tile nails man		☐ Photos (Minimum of 2 locations) - decking in the field area
☐ Photo - (if applicable) roof tile adhe		☐ Photos (Minimum of 2 locations) - decking at the roof
☐ Photo - tile manufacturer label indi	cating wind testing	ridge or top of a mono-sloped roof
standard/ classification		☐ Photos (if applicable)- decking at the valley
		in applicable)- decking at the valley
Metal Panels, Fasteners and Accessories	YES□ N/A □	
		Sealed Roof Deck YES□ N/A □
☐ Photo(s) - manufacturer labels of a	all applicable	View sample photos 3-6 for examples.
products designated by the approved		
manufacturer installation guidelines. 1		☐ Self-Adhering Polymer-Modified Bitumen Flashing Tape
☐ Photo - manufacturer label on box		
details		☐ Photo(s) - 4-inwide min tape applied to roof deck in
☐ Photo(s) - screws ¹³		corner areas ☐ Photo - 4-inwide min tape applied to roof deck in field
		areas
		☐ Photo - underlayment direction of placement
Gutters, Downspouts and Hold-downs	YES□ N/A □	☐ Photo(s) - (if applicable) Underlayment placement at
☐ Photo - manufacturer label		valleys and hips
Ridge Vents or Off-Ridge Vents	YES□ N/A □	☐ Photo(s) - underlayment button cap nail fastening-
☐ Photo - manufacturer label on box		corner and field areas
		☐ Self-Adhering AAMA 711-13, Level 3 Compliant Flexible Flashing
Existing Conditions Documentation	on	tape
		Dhata(a) A in wide wie tene applied to good deale in
Overview		☐ Photo(s) - 4-inwide min tape applied to roof deck in corner areas
☐ Photo(s) - exposed structural deck v (shingles, architectural metal panel, or		☐ Photo - 4-inwide min tape applied to roof deck in field
corner, perimeter, and field conditions		areas
corner, perimeter, and neid conditions	,	☐ Photo - underlayment direction of placement
Damaged or Deteriorated Structural Deck and F	raming Memhers	\square Photo(s) - (if applicable) underlayment placement at
YES N/A	railling iviellibers	valleys and hips
ILS LINAL		☐ Photo(s) - underlayment button cap nail fastening-
☐ Photo(s) - damaged or deteriorated	l existing structural	corner and field areas
deck	existing structural	☐ A Full Layer of Self-Adhering Polymer-Modified Bitumen
\Box Photo(s) - photos of the structural f	framing members	Membrane
under the damaged or deteriorated ex	_	
deck (damaged deck removed)		☐ Photo - direction of placement
		☐ Photo(s) - placement at valleys and hips
Roof System Installation		☐ Photo(s) - bond break installation over entire roof
		☐ Install Two (2) Layers of ASTM D226 Type II or ASTM D4869 Type
Structural Deck Fastening	YES□ N/A □	IV (#30)
		☐ Photo - underlayment direction of placement
Use a measuring tape to show spacing of existin	g fasteners and	☐ Photo(s) - underlayment placement at valleys and hips
additional fasteners added to meet the minimur	n spacing	☐ Photo(s) - underlayment fastening - annual-ring or
requirement specified in the FORTIFIED Comme	rcial– 2025 Wind	deformed-shank nails with 1-indiameter caps - corner
standard.		and field areas
¹² Provide photos for all applicable products incluto panel sheets, fire barriers, tape/tube sealant,		¹³ Provide a photo per different fastener required by the approved system. This includes but is not limited to wood screws and stitch
to parier sincers, fire partiers, tape, tube scalarit,	ana aniversal	System. This includes but is not innited to wood screws and stitch

closures.

 $^{^{14}\!\}text{A}$ photo is required in all areas of the roof; for example, if the roof has four corner conditions, four corner conditions are captured.

Edge Cor	nditions	YES□ N/A □	
	of 3 in. (verify with tape me ☐ Photo(s) - (if applicable) starter strip or mastic bed fo ☐ Photo(s) - (if applicable)	measurer) p edge overlapped a minimum asurer) drip edge with self-adhering or the first course/starter strip architectural metal panel nufacturer specifications in the	
Cover Installation ¹⁵		YES□ N/ A □	
	the corner area Photo (minimum of 2 loc the field area Photo (minimum of 2 loc the roof ridge or top of a me	cations) - fastening pattern in cations) - fastening pattern in cations) - fastening pattern at ono-sloped roof stening pattern at the valleys	

Evaluator and shall be photo documented. If necessary, the FORTIFIED Commercial Evaluator may request additional photos outside of this list.

¹⁵Cover installation includes but is not limited to shingles, concrete and clay tiles, and architectural metal panels. All other cover installations must be approved by the FORTIFIED Commercial

Example Photos

Sample Photo 1: Photo of Nails



Sample Photo 2: Photo of Starter Strip Manufacturer Label



Sample Photo 3: Underlayment Nailing



Sample Photo 4: Underlayment "peel-and-stick"



Sample Photo 5: Mastic Application Over Drip Edge for Starter Strip Adhesion



Sample Photo 6: Drip Edge with Self-Adhering Starter Strip



4.0 FORTIFIED SILVER

All FORTIFIED Roof requirements must be satisfied.

For this section, check the box beside each requirement or respond to the item to indicate that items are in accordance with the FORTIFIED Commercial—2025 Wind standard.

FORTIFIED Commercial – 2025 Wind standard.		
Openii	ng Protection	
	gn Pressures elect and fill out the appropriate wind pressures.	
	☐ ASCE 7-10 design pressures (psf) using minimum terrain Exposure C or D and effective wind area of 10 sq ft	
	Please select the method used to obtain base pressures:	
	☐ ASD ☐ LRFD	
	Specify the wind pressures (psf):	
	Zone 4:	
	Zone 5:	
	☐ ASCE 7-16/22 design pressures (psf) using minimum terrain Exposure C or D and effective wind area of 10 sq ft	
	Please select the method used to obtain base pressures:	
	☐ ASD ☐ LRFD	
	Specify the wind pressures (psf):	
	Zone 4:	
	Zone 5:	
Windows and Glazed Openings Yes □ N/A □ Select the type(s) of window system:		
	☐ Single-pane	
	☐ Double-pane	
	☐ Laminated glass	
	☐ Impact-rated laminated window and frame system	
	☐ Triple-pane impact-rated laminated window and frame system	
indicate t	e box beside each requirement or respond to the item to hat the windows are in accordance with the FORTIFIED sial– 2025 Wind standard.	
	Windows and glazed openings are designed for the load combinations outlined in section 3.1.1.3.1 of the FORTIFIED Commercial— 2025 Wind standard.	

a hurric	ne-Prone Regions: Fill out the following if you are located in ane-prone region. If you are not located in a hurricane-prone continue to high-wind-prone region.
	$\hfill\Box$ Labels verifying the impact rating and pressure capacity are visible on the installed windows.
Window	vs, glazed openings, curtain walls meet (select one of the following)
	\square AAMA/WDMA/CSA 101/ CSA 101/ A440, ASTM E330
	\Box The Florida Building Code Testing Application Standard TAS 202
Impact	Protection:
	30 Feet of Grade: Windows, glazed openings, curtain walls elect one of the following):
	\Box Large Missile Level D (9 lb 2x4 impacting end on at 50 ft/sec) as defined in ASTM E1996 and ASTM E1886 and AAMA 506
	\Box The Florida Building Code Testing Application Standards TAS 201 and TAS 203
30 Feet	or Higher: Windows, glazed openings, curtain walls meet:
	\Box ASTM E1886 cyclic pressure and Small Missile Level A as defined in ASTM E1996, ASTM E1886 and AAMA 506.
Large Co	ommercial Doors Yes 🗆 N/A 🗆
sectiona defined	arge commercial doors including roll-up, overhead, and al (garage doors) are designed for the load combinations in section 3.1.1.3.1 of the FORTIFIED Commercial— 2025 andard.
Large co	ommercial doors meet (select one of the following):
	\square AAMA/WDMA/CSA 101/ CSA 101/ A440, ASTM E330
	□ ANSIDASMA 108
	\Box The Florida Building Code Testing Application Standard TAS 202
Impact	Protection:
Large co	ommercial doors meet (select one of the following):
	\Box Large Missile D (9 lb 2x4 impacting end on at 50 ft/sec) as defined in ASTM E1996 and ASTM E1886 and AAMA 506
	☐ ANSI/DASMA 115 Standard Method for Testing Sectional Doors, Rolling Doors, and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure
	☐ The Florida Building Code TAS 201 (Impact Test Procedures), 202 (Criteria for Testing Impact & Nonimpact Resistant Building Envelope Components Using Uniform Static Air Pressure), and 203 (Criteria for Testing Products Subject to Cyclic Wind Pressure Loading)

Exterior Personnel Doors Yes \(\scale \) N/A \(\scale \)	\square Exterior insulating finishing systems (EIFS) 16
\square All personnel doors are designed for the load combinations	☐ For all now construction applications. EIES
outlined in section 3.1.1.3.1 of the FORTIFIED Commercial—2025	☐ For all new construction applications, EIFS systems shall be installed by a qualified
Wind standard.	
	professional with an active Association of the
Hurricane-Prone Regions: Fill out the following if you are located in	Wall and Ceiling Industry (AWCI)- EIFS
a hurricane-prone region.	Mechanics certification.
Exterior personnel doors meet (select one of the following):	☐ Hurricane-Prone Regions Only: EIFS Installed on a metal or wood frame are not permitted
\square AAMA/WDMA/CSA 101/ CSA 101/ A440, ASTM E330	unless they are a Miami-Dade County Approved system.
\square The Florida Building Code Testing Application Standard	System.
TAS 202	☐ Solid insulated concrete forms / ¾-in. plywood/ ≥7/16-in
	wood structural panel sheathing with one of the following
Exterior Walls and Wall Protection	finishes:
Wall Types	□ ½-in. stucco (IR)
Select all that apply; for hurricane-prone regions, exterior walls must	☐ ½-in. thick wood (IR)
be impact rated (denoted as "IR" below). □ Reinforced concrete block (IR)	☐ ½-in. fiber-cement-based planking (IR)
	☐ ≥%-inthick wood structural panel sheathing with vinyl
☐ Precast concrete/tilt up panels (IR)	or aluminum siding (IR)
☐ Cast-in-place concrete (IR)	☐ Other walls
☐ Brick veneer over wood or metal frame	Describe "other" wall system:
☐ Brick with concrete block backing (IR)	
☐ Metal walls	
☐ Metal wall systems are designed and tested	
for resistance in accordance with ASTM E1592.	
Each assembly shall be tested for a load equal to	Wall systems are designed for the lead combinations outlined in
1.5 times the design pressure.	☐ Wall systems are designed for the load combinations outlined in section 3.1.1.3.1 of the FORTIFIED Commercial—2025 Wind standard
☐ Insulated concrete form	Hurricane-Prone Regions: Fill out the following if you are located in a hurricane-prone region.
☐ Sandwich panel wall systems	☐ Wall impact resistance meets the requirements of
☐ Meets the International Code Council (ICC)	ASTM E1886 and ASTM E1996 for the impact of a 9-lb
Evaluation Service – Acceptance Criteria for	nominal 2x4 lumber missile impacting end on at 34 mph
Sandwich Panels AC04. Any adhesives used shall	(50ft/s) (large missile impact level D).
comply with ASTM D2559 or the ICC Acceptance	Parapets Yes N/A
Criteria for Sandwich Panel Adhesives AC05.	Is the parapet taller than 3 ft from base connection to free end?
	Yes □ NO □
¹⁶ For all existing EIFS that meet these criteria, a qualified professional with an active AWCIEIFS Inspectors certification shall inspect the EIFS and provide supporting documentation regarding its condition. EIFS that are not visibly damaged deteriorated, chipped	have at least 5 years of useful life remaining are eligible for a FORTIFIED Silver designation. EIFS that do not meet these conditions and/or do not have at least 5 years of useful life remaining will require remains or replacement to be eligible for a FORTIFIED Silver.

designation.

condition. EIFS that are not visibly damaged, deteriorated, chipped, or cracked, that have structurally sound horizontal and vertical seals including around windows and penetrations, are free of leaks, and

If yes, is structural bracing (internal or external) provided and does it meet the minimum ASCE 7 standards? ☐ Yes ☐ NO		☐ Transfer switch or docking station (sometimes referred to as a storm switch), that support connection of a generator capable of powering, at a minimum, the critical systems needed to provide continuity of operation.	
			Gable Ends
\square Gable end walls are designed in accordadefined in section 3.1.1.3.1.	ance with ASCE 7 as	above the known base flood elevation (100-year flood level) or advisory flood elevation.	
☐ Gable end wall sheathing has sufficient resist wall design wind pressures specified Section 3.1.1.3.1.		□ Yes □ N/A 5.0 FORTIFIED Gold	
☐ Gable end bracing is designed by the streeord to meet the minimum design wind ASCE 7 as outlined in Section 3.1.1.3.1. and the bending capacity of the gable wall, braits top and bottom, and connection of the to the wall below.	pressures specified in d the engineer addressed Icing of the gable wall at	All FORTIFIED GOIG All FORTIFIED Silver requirements must be satisfied. For this section, check the box beside each requirement or respond to the item to indicate that items are in accordance with the FORTIFIED Commercial—2025 Wind standard.	
☐ Gable end overhangs are constructed a framing to resist the site-specific wind presas outlined in Section 3.1.1.3.1. Gable end 12 iches should be designed as an outlook engineer of record and calculations must be FORTIFIED Commercial Evaluator. Hurricane Prone Regions:	ssures specified in ASCE 7 overhangs greater than er by the structural	Continuous Load Path A continuous and adequate load path from the roof to the foundation of the building exist. The building has positive connections from the roof to foundation as a means to transmit wind uplift and lateral loads safely to the ground. This includes providing roof-to-wall connection hardware (e.g., hurricane straps for wood) with the required roof uplift resistance as determined by the designer or specified in the prescriptive method being used.	
☐ Gable end rake soffits are unvented.		☐ Inter-story connections in multi-story structures have a continuous load path through the wall to the foundation.	
Chimneys ✓ Yes ✓ N/A ✓ Chimneys have adequate load path members and connections capable of resisting the loads and load combinations specified in ASCE 7 as outlined in section 3.1.1.3.1.		Attached and Accessory Structures Yes N/A Convenience store canopies, carports, porte cocheres or any other vehicle-type drive-through structures will have adequate load	
Electrical/ Mechanical System	ns	path members and connections to resist the loads and load combinations specified in ASCE 7 as outlined in section 3.1.1.3.1.	
Flood Protection All electrical and mechanical equipment and connections necessary to operate critical systems are located above the 500-year flood level if known, or at least 3 ft above the known base flood elevation (100-year flood level) or advisory flood elevation. Yes N/A Since the building is located out of a 500-year and 100-year flood zone, all electrical and mechanical equipment and connections necessary to operate critical systems are not exposed to flood waters.		Backup Power ☐ Backup power shall be available and capable of powering critical electrical and mechanical systems that maintain vital business operations. All equipment shall be installed in accordance with the requirements of Electrical Systems (Flood) described in section 3.2.3	
☐ Yes ☐ N/A			
Electrical Connections for Backup Power Hurricane-Prone Regions: Fill out the follo a hurricane-prone region.	☐ Yes ☐ N/A wing if you are located in		
High-Wind-Prone Regions: Recommended	d- not required		