

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 2020-09-17-R26099  
**Report Reference** R26099-2008-12-10  
R26099-2014-09-10  
R26099-2015-05-28  
**Issue Date** 2020-SEPTEMBER-17

**Issued to:** **PINNACLE STRUCTURES INC.**  
**2665 Bill Foster Memorial Hwy.**  
**Cabot, AR 70233**

**This is to certify that  
representative samples of**

Metal Roof Deck Panels, Roof-covering Materials, Impact  
Resistance, Roofing Systems  
See addendum below for models

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:**

ANSI/UL 263 – Fire Tests of Building Construction and  
Materials  
ANSI/UL 580 – Tests for Uplift Resistance of Roof  
Assemblies  
UL 2218 – Impact Resistance of Prepared Roof-covering  
Materials  
ANSI/UL 790 – Tests for Fire Resistance of Roof Covering  
Materials

**Additional Information:**

See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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## ANSI/UL 263 – Fire Tests of Building Construction and Materials

**Mechanically attached metal roof panels**, "PINNACLE D-LOK", "PINNACLE PBR", "PINNACLE U-DEK", "PINNACLE BATTENLOK" and "PINNACLE SUPERLOK", secured by steel anchor clips. Anchor clips are attached to a hat shaped member+ (minimum depth 1 in.) or a bearing plate++.

For use in Design Nos. [P225](#), [P227](#), [P230](#), [P237](#), [P265](#), [P268](#), [P508](#), [P510](#), [P512](#), [P701](#), [P711](#), [P717](#), [P720](#), [P722](#), [P726](#), [P731](#), [P734](#), [P801](#), [P815](#), [P819](#).

+ Hat-shaped member to be a minimum of 16 gage. The member will be fastened through the roof insulation to the steel roof deck with No. 14 self-drilling and/or self-tapping fasteners. Spacing to be determined by the structural loading requirements. In addition any compressible UL Classified glass fiber blanket insulation with or without a vapor-retarder facing may be used between the specified roof insulation and the metal roof panels.

++ Bearing plate to be a minimum of 16 gauge. Member will be fastened through the roof insulation to the steel deck with No. 14 self-drilling and/or self-tapping fasteners.

## ANSI/UL 580 – Tests for Uplift Resistance of Roof Assemblies

Coated steel panels identified as Type "PINNACLE D-LOK" panels for use in Construction Nos. [180C](#), [287](#), [308A](#), [450](#), [538](#), [539](#) and [540](#).

Coated steel panels identified as Type "PINNACLE U-DEK" panels for use in Construction Nos. [180B](#), [205](#), [205A](#), [286](#), [308B](#), [534](#), [535](#), [536](#), [537](#) and [541](#).

Coated steel panels identified as Type "PINNACLE PBR" panels for use in Construction Nos. [30](#), [54](#), [79](#), [104](#), [112](#), [161](#), [184](#) and [542](#).

Coated steel panels identified as Types "PINNACLE BATTENLOK" and "PINNACLE SUPERLOK" panels for use in Construction Nos. [90](#), [176](#), [180](#), [238B](#), [437](#), [449](#), [451](#), [452](#), [487](#)



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## UL 2218 – Impact Resistance of Prepared Roof-covering Materials

**Class 4 formed steel panels**, Model(s) PINNACLE BATTENLOK, PINNACLE D-LOK , PINNACLE PBR, PINNACLE SUPERLOK, PINNACLE U-DEK

### ANSI/UL 790

#### BUILDING UNITS

##### Class A

Coated steel panels (surfacing) identified as "PINNACLE D-LOK", "PINNACLE PBR", "PINNACLE U-DEK", "PINNACLE BATTENLOK" and "PINNACLE SUPERLOK".

One or more layers of GAF "VersaShield Underlayment," mechanically fastened, may be used in lieu of the Barrier Board in all combustible Classifications.

**1. Deck:** C-15/32                      **Incline:** Unlimited                      **Impact:** Class 4

**Barrier Board:** — 1/4 in. min. G-P Gypsum DensDeck® or United States Gypsum Co SECUROCK® Glass-Mat Roof Board (Type SGMRX), National Gypsum "DEXcell Glass Mat Roof Board" or "DEXcell FV Glass Mat Roof Board", CertainTeed Gypsum "GlasRoc" or 1/2 in. min UL classified gypsum board with all joints staggered a min of 6 in. from the plywood joints.

**Ply Sheet (Optional):** — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

**Surfacing:** — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

**2. Deck:** NC                              **Incline:** Unlimited                      **Impact:** Class 4

**Barrier Board:** — 1/4 in. min. G-P Gypsum DensDeck® or United States Gypsum Co SECUROCK® Glass-Mat Roof Board (Type SGMRX), National Gypsum "DEXcell Glass Mat Roof Board" or "DEXcell FV Glass Mat Roof Board", CertainTeed Gypsum "GlasRoc" or 1/2 in. min UL classified gypsum board.

**Ply Sheet (Optional):** — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

**Surfacing:** — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

**3. Deck:** NC                              **Incline:** Unlimited                      **Impact:** Class 4



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**Barrier Board:** — 7/16 OBS or 5/8 in. plywood over polyisocyanurate insulation board or polyisocyanurate composite board, any thickness.

**Ply Sheet (Optional):** — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

**Surfacing:** — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

**4. Deck:** NC **Incline:** Unlimited **Impact:** Class 4

**Insulation:** — Polyisocyanurate, glass fiber, perlite or wood fiber, any thickness.

**Ply Sheet (Optional):** — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

**Surfacing:** — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

**5. Deck:** NC **Incline:** Unlimited **Impact:** Class 4

**Insulation:** — None required, however any UL Classified insulations may be used over open purlin spans. Any combination and any total thickness of insulation may be used.

**Surfacing:** — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

**6. Deck:** C-15/32 **Incline:** Unlimited **Impact:** Class 4

**Barrier Board:** — 1/4 in. min. G-P Gypsum DensDeck® or United States Gypsum Co SECUROCK® Glass-Mat Roof Board (Type SGMRX), National Gypsum "DEXcell Glass Mat Roof Board" or "DEXcell FV Glass Mat Roof Board", CertainTeed Gypsum "GlasRoc" or 1/2 in. min UL classified gypsum board with all joints staggered a min of 6 in. from the plywood joints.

**Ply Sheet (Optional):** — Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15, 20 or 30 felt or UL Classified prepared roofing accessory or GCP Applied Technologies Inc. "Ice and Water Shield".

**Surfacing:** — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.

## Class C

Coated steel panels (surfacing) identified as "PINNACLE D-LOK", "PINNACLE PBR", "PINNACLE U-DEK", "PINNACLE BATTENLOK" and "PINNACLE SUPERLOK".

**1. Deck:** C-15/32 **Incline:** Unlimited **Impact:** Class 4

**Surfacing:** — Coated Steel roofing panels, mechanically fastened or with steel screws when roof deck fasteners (panel clips) not required.



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