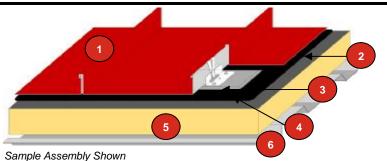


# UNA-CLAD™ Roofing System UC-3 Panel, Steel Deck

5, 10, 15, 20 Year Red Shield™ Warranty



- Firestone UNA-CLAD™ UC-3 Panel
- Firestone CLAD-GARD™ Underlayment
- Firestone UC-3 Stainless Steel Expansion Clip
- Firestone UC Bearing Plate
- Firestone ISO 95+™ GL Insulation
- Steel Deck

#### Consult Firestone Technical Specifications, Guides and Details at www.firestonebpco.com

### Slope Requirement

Minimum 3:12 slope is required for all Red Shield metal roof systems for warranty.5,6

### Construction Type

New construction, complete tear-off, or recover with any wet or damaged materials removed prior to installation. Solid substrate required.

#### **Building Height Limitation**

Firestone UNA-CLAD Metal Panel Roofing Systems are limited to buildings 250' (76.2 m) or

#### Other Requirements

As-built projects are not permitted or approved. Firestone requires a Pre-Installation Notice (P.I.N.) 14 days prior to project installation. Install system per Firestone Technical Specifications.

# Increased Wind Speed and Codes

Any additional wind speed coverage or codes must be reviewed by a Firestone Roof Systems Advisor.

#### **Deck Requirement**

q Minimum 22 Gauge Steel Deck

# Insulation/Coverboard Fastener Type

- q Firestone All Purpose Fastener & Insulation Fastening Plate
- q Firestone Heavy Duty Fastener & Insulation Fastening Plate
- q Firestone HailGard™ Fastener (with HailGard Composite Board, OSB or Plywood only)

# Underlayment<sup>6</sup>

- q Firestone CLAD-GARD™ SA Underlayment
- q Firestone CLAD-GARD R Underlayment
- q Firestone CLAD-GARD MA Underlayment restricted to nailable substrates only and slopes greater than 5:12. For slopes between 3:12 and 5:12 CLAD-GARD MA may be used in the field provided the detail areas are completed using CLAD-GARD SA or R type underlayment's

#### Clip Requirement

- q Firestone UC-3 Expansion Clip, Stainless Steel
- q Firestone UC-3 Super Clip, Galvanized Steel
- q Firestone UC-3 Super Clip, Stainless Steel
- q Firestone UC-3 Super Clip, Stainless Steel ENK

# Bearing Plate

q UC Bearing Plate, Stainless Steel

q UC Bearing Plate, Galvanized Steel

#### Panel Type

**Painted Steel** Acrylume **q** 24 ga (0.64 mm) q 24 ga (0.64 mm) q 22 ga (0.79 mm) **q** 22 ga (0.79 mm)

Painted Aluminum Copper

**q** 16 oz. (0.56 mm) q 0.032" (0.81 mm) **q** 0.040" (1.02 mm) **q** 20 oz. (0.69 mm)

- **q** 24 ga (0.027") (0.7 mm)
- **q** 22 ga (0.032") (0.8 mm)
- **q** 20 ga (0.040") (1.0 mm)

# **Seaming Requirement**

All seams are required to include factory applied in-seam sealant.

All seams are required to be double-locked. Panels must be locked in the field by a mechanical seamer.

#### Trim & Flashing

q Firestone UC-3 Super Clip, Galvanized Steel ENK Trims and flashings may be factory formed or field formed by the licensed Firestone

# Insulation Fastener and Insulation Plate Attachment Rates – Insulation or Coverboard is Required Delayed installation of the roof panel system or for systems that are attached to coverboard.

Insulation	4' x 8'	Coverboard	4' x 8'
Flat Firestone ISO 95+™ GL or RESISTA™ Insulation <sup>7</sup>	16	Firestone ISOGARD™ HD Cover Board	16
Firestone HailGard™ Composite Board	16	Minimum 1/4" SECUROCK® Gypsum-Fiber <sup>8</sup> or DensDeck®/(Prime)	16 (16)
Firestone ISOGARD™ HD Composite Board	16	Minimum 1/2" Plywood	16
		Minimum 7/16" OSB	16

# Insulation Fastener and Insulation Plate Attachment Rates – Insulation or Coverboard is Required Immediate installation of the roof panel system, fastened through insulation and into the deck.

Insulation	4' x 8'	Coverboard	4' x 8'
Flat Firestone ISO 95+™ GL or RESISTA™ Insulation <sup>7</sup>	5	Firestone ISOGARD™ HD Cover Board	5
Firestone HailGard™ Composite Board	5	Minimum 1/4" SECUROCK Gypsum-Fiber <sup>8</sup> or DensDeck®/ (Prime)	5 (5)
Firestone ISOGARD™ HD Composite Board	5	Minimum 1/2" Plywood	5
		Minimum 7/16" OSB	5

- 1. Only Firestone brand products are covered in a Red Shield Warranty. The Firestone Warranty does not cover products not supplied by Firestone Building Products. Products or problems associated with the use of non-Firestone supplied products are not covered under the Firestone Warranty.
- Refer to the Firestone Technical Database at <a href="www.firestonebpco.com">www.firestonebpco.com</a> for additional information regarding UNA-CLAD standing seam roof systems and accessories. Refer to the Firestone RoofGenuity™ tool to create roof assemblies with high-performance Firestone products at <a href="www.RoofGenuity.com">www.RoofGenuity.com</a>.
- DensDeck is a registered trademark of Georgia-Pacific Gypsum LLC. SECUROCK is a registered trademark of USG Corporation.
- It is the installing contractor's responsibility to follow applicable building codes or specifications.

  Full application of Firestone CLAD-GARD SA Metal Underlayment or CLAD-GARD R Metal Underlayment is required on installations with slopes less than or equal to 5:12. Firestone CLAD-GARD MA Metal Underlayment may be installed in the field of the roof and CLAD-GARD SA or R Metal Underlayment at all eaves, rakes, ridges, hips, valleys, sidewalls, and around all penetrations on installations with slopes greater than 5:12. Nailable substrates only.
- UC Bearing Plate required for clip attachment directly over Firestone ISO 95+ GL insulation.
- 8. SECUROCK Gypsum-Fiber is allowed with CLAD-GARD SA, R and MA. SECUROCK Glass-Mat is only allowed with CLAD-GARD MA.

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