



Sample Assembly
Shown

Consult the Firestone Technical Specifications Manual for specific requirements

Insulation (Optional)

- Firestone ISO 95+ flat³
- Firestone ISOGARD™ HD
- Firestone HailGard (Nailbase)
- DensDeck or DensDeck Prime

Insulation Attachment

- Firestone Heavy Duty Fastener¹
- Firestone All Purpose Fastener¹
- Firestone HD Hailgard Fastener²

Cover Board (Optional)

- Firestone ISOGARD™ HD
- DensDeck Prime
- Minimum 7/16" (11.1 mm) OSB
- Minimum 1/2" (6.4 mm) Plywood

Cover Board Attachment

- Firestone Heavy Duty Fastener¹
- Firestone All Purpose Fastener¹
- Firestone HD Hailgard Fastener²

Underlayment

- Firestone CLAD-GARD™ SA⁴
- Firestone CLAD-GARD™ SA/MA⁵

Clip

- Firestone UC-6 Galv. Low-Float Clip
- Firestone UC-6 Stainless Low-Float Clip
- Firestone UC-6 Galvanized SuperClip
- Firestone UC-6 Stainless SuperClip

Panel Type

Painted Steel	Acrylume	Painted Aluminum	Copper	Zinc
<input type="checkbox"/> 22 Ga. (0.79 mm)	<input type="checkbox"/> 22 Ga. (0.79 mm)	<input type="checkbox"/> 0.032" (0.81 mm)	<input type="checkbox"/> 16 oz. (0.56 mm)	<input type="checkbox"/> 0.8 mm (0.032")
<input type="checkbox"/> 24 Ga. (0.64 mm)	<input type="checkbox"/> 24 Ga. (0.64 mm)	<input type="checkbox"/> 0.040" (1.02 mm)	<input type="checkbox"/> 20 oz. (0.69 mm)	<input type="checkbox"/> 1.0 mm (0.040")

Footnotes:

1. Firestone Insulation Plates are required when attaching insulation with Heavy Duty or All Purpose Fasteners
2. Firestone HD Hailgard Fasteners are for the attachment of Hailgard insulation, or OSB/Plywood cover boards only.
3. UC Bearing Plate required for clip attachment directly over Firestone ISO 95+GL insulation.
4. Full application of Firestone CLAD-GARD™ SA required over slopes less than or equal to 5:12.
5. Firestone CLAD-GARD™ MA permitted in the field of the roof and CLAD-GARD™ SA at all eaves, rakes, ridges, hips, valleys, sidewalls, and around all penetrations with slopes greater than 5:12. Nailable substrates only.

Insulation/Cover Board Attachment:

- All insulation and coverboards must be fastened at a rate of no less than 16 appropriate Firestone fasteners or fasteners and plates (as required) per 4' x 8' (1.22 m x 2.44 m) board. This method is for delayed installation of the roof panel system or for systems that are attached to the coverboard.
- When immediate installation of a through-insulation deck fastened Firestone metal roofing panel system is taking place, the option of 5 appropriate fasteners and plates per 4' x 8' (1.22 m x 2.44 m) board may be used.

Notes:

Slope Requirements:

- Minimum 3:12 slope is required for all Red Shield metal roof systems

Deck Requirements:

- Wood deck must be minimum 1/2" plywood, 7/16" OSB, minimum 1" T&G Structural, or minimum 1" plank

Seam Construction:

- All seams are required to include factory applied in-seam sealant
- All seams are required to be double-locked
- It is recommended that all seams be mechanically seamed

Trims & Flashings:

- Trims & Flashings may be factory formed or field formed by the licensed Firestone applicator

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
- System installation per Firestone Technical Specification

The Firestone Warranty does not cover products not supplied by Firestone Building Products

Please refer to the Firestone Technical Database at www.firestonebpco.com for additional information regarding UNA-CLAD™ standing seam roof systems and accessories.

Products or problems associated with the use of non-Firestone supplied products are not covered under the Firestone Warranty

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