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## Roofing Systems

[See General Information for Roofing Systems](#)

### METAL ALLIANCE INC

R40147

2120 SW POMA DR.

PALM CITY, FL 34490 USA

Coated steel panels (surfacing) identified as "50ALLCOR" or "25ALLCORWALL", "50ALLRIB" or "25ALLRIBWALL", "50ALLPBR" or "25ALLPBRWALL".

Coated steel or aluminum panels identified as "200MSALLSEAM", "175SLALLSEAM", "145SLALLSEAM", "155SLALLSEAM", "100SLALLSEAM", "150SLALLSEAM", and "50ALLV".

Coated steel, aluminum, or copper panel identified as "150MSALLSEAM".

Any UL Classified peel and stick underlayment may be used in conjunction with "VersaShield® Fire-Resistant Roof Deck Protection" and "VersaShield® Underlayment" in any of the following systems.

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

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

## BUILDING UNITS

### Class A

1. **Deck:** C-15/32 or spaced sheathing **Incline:** Unlimited  
**Underlayment:** — One ply GAF "VersaShield Underlayment", mechanically fastened.  
**Ply Sheet:** — One ply Type 30 base sheet or GAF "VersaShield", mechanically fastened.  
**Surfacing:** — Coated steel or copper roofing panels, mechanically fastened.
2. **Deck:** C-15/32 or spaced sheathing **Incline:** Unlimited  
**Underlayment:** — One or more plies GAF "VersaShield Underlayment", mechanically fastened.  
**Surfacing:** — Coated standing seam steel or copper roofing panels, mechanically fastened.
3. **Deck:** C-15/32 or spaced sheathing **Incline:** Unlimited  
**Barrier Board:** — Minimum 1/4 inch thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" with all joints staggered a minimum of 6 inches from the plywood joints.  
**Insulation (Optional):** — Fiberglass, polyisocyanurate, perlite or wood fiber, any thickness.  
**Membrane:** — Any UL Classified modified bitumen system, BUR system or CPE, CSM, CSPE, EPDM, NBP, PIB, PVC, TPO or TRE membrane system suitable for use with any roof insulation.  
**Surfacing:** — Coated steel or copper roofing panels, mechanically fastened.
4. **Deck:** C-15/32 **Incline:** Unlimited  
**Barrier Board:** — Minimum 1/4 inch thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" with all joints staggered a minimum of 6 inches 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 (TGDY).

**Surfacing:** — Coated steel, aluminum, or copper roofing panels, mechanically fastened.

5. **Deck:** NC

**Incline:** Unlimited

**Barrier Board:** — Minimum 1/4 inch thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard".

**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 (TGDY).

**Surfacing:** — Coated steel, aluminum, or copper roofing panels, mechanically fastened.

6. **Deck:** NC

**Incline:** Unlimited

**Barrier Board:** — 7/16 OBS or 1/2 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 (TGDY).

**Surfacing:** — Coated steel, aluminum, or copper roofing panels, mechanically fastened.

7. **Deck:** NC

**Incline:** Unlimited

**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 (TGDY).

**Surfacing:** — Coated steel, aluminum, or copper roofing panels, mechanically fastened.

8. **Deck:** NC

**Incline:** Unlimited

**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, aluminum, or copper roofing panels, mechanically fastened.

9. **Deck:** C-15/32

**Incline:** Unlimited

**Underlayment:** — Two plies GAF "VersaShield® Fire-Resistant Roof Deck Protection" or "VersaShield® Underlayment."

**Surfacing:** — Aluminum roofing panels, mechanically fastened.

10. **Deck:** C-15/32 or spaced sheathing

**Incline:** Unlimited

**Underlayment:** — One ply Firestone Building Products Co LLC "CLAD-GARD SA-FR" self-adhered underlayment.

**Ply Sheet:** — One ply Type 30 base sheet or Firestone Building Products Co LLC "CLAD-GARD SA-FR" self-adhered underlayment.

**Surfacing:** — Coated steel, aluminum, or copper roofing panels, mechanically fastened.

11. **Deck:** C-15/32

**Incline:** Unlimited

**Underlayment:** — One ply Firestone Building Products Co LLC "CLAD-GARD SA-FR" self-adhered underlayment.

**Surfacing:** — Coated steel, aluminum, or copper roofing panels, mechanically fastened.

12. **Deck:** C-15/32

**Incline:** Unlimited

**Slip Sheet:** — Two layers Atlas Roofing Corp "FR50".

**Base Sheet (Optional):** — Type 15 or 30 or any UL Classified self-adhering underlayment.

**Surfacing:** — Minimum 28 gauge coated steel roofing panels, mechanically fastened.

Last Updated on 2020-04-03

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