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## TGFU.R40147 - Roofing Systems

# Roofing Systems

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### METAL ALLIANCE INC

2120 SW POMA DR.  
PALM CITY, FL 34490 USA

R40147

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".

### 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.

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Metal Alliance Inc  
2120 SW Poma Dr.  
Palm City, FL 34490 United States

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