

# **Roofing Systems**

### **COMPANY**

#### PETERSEN ALUMINUM CORP

1005 TONNE RD ELK GROVE VILLAGE, IL 60007-4817 United States

R14293

Coated steel and aluminum panel identified as "Snap-On Standing Seam", "High Snap-On Standing Seam", "Snap-On Batten", "Integral Batten", "Redi-Roof Batten", "Redi-Roof Standing Seam", "Snap-Clad", "Integral Standing Seam", "Tite-Loc", "Tite-Loc Plus", "Edge-Loc", "5-V-Crimp", and "PAC-150".

One or more layers of GAF "VersaShield Underlayment", mechanically fastened or loose laid, or Polyglass USA Inc "Polystick XFR", self-adhered, may be used in lieu of the barrier board in all combustible Classifications with steel panels.

Two or more layers of GAF "VersaShield Underlayment", mechanically fastened or loose laid, or Polyglass USA Inc "Polystick XFR", self-adhered, may be used in lieu of the barrier board in all combustible Classifications with aluminum panels.

When installed over a wood deck, placement of the fire barrier in the assembly can either be directly over the wood deck or over the underlayment.

## **OTHER SYSTEMS**

# Class A

1. Deck: NC Incline: No Limitations Impact: Class 4

**Barrier Board:** — 1/4 in. min G-P Gypsum DensDeck®, or 1/4 in. min 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".

**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:** — Steel or aluminum roofing panels, mechanically fastened.

2. Deck: NC Incline: No Limitations Impact: Class 4

**Barrier Board:** — 5/8 in. min plywood.

**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:** — Steel roofing panels, mechanically fastened.

3. Deck: NC Incline: No Limitations Impact: Class 4

**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:** — Steel or aluminum roofing panels, mechanically fastened.

4. **Deck:** NC **Incline:** No Limitations **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:** — Steel or aluminum roofing panels, mechanically fastened.

5. **Deck:** NC **Incline:** No Limitations **Impact:** Class 4

Surfacing: — Steel roofing panels mechanically attached to metal purlins.

6. **Deck:** C-15/32 **Incline:** No Limitations **Impact:** Class 4

**Barrier Board:** — 1/4 in. min G-P Gypsum DensDeck® or 1/4 in. min 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", 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:** — Steel or aluminum roofing panels, mechanically fastened.

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