



- 1 **Metal Roof Deck Panels*** / “Snap-Clad”
16 in. wide max., 10 in. wide min., 1-3/4 in. high at the rib, fabricated from 16 oz., half-hard copper. A bead of sealant may be used at panel side joints.
- 2 **Roof Deck Fasteners* (Panel Clips)** / “Snap-Clad Clip”
One piece assembly, 3-1/2 in. wide, 1-7/8 in. high. The clips are to be spaced a maximum of 24 in. OC.
- 3 **Panel Fasteners (Screws)**
Fasteners used to attach panel clips (Item 2) to plywood (Item 5) to be No. 10-16 by 1 in. long, No. 1 in. pancake head coated stainless steel screws. Two screws used per clip inserted through 1/4 in. diameter guide holes.
- 4 **Underlayment***
Any UL Classified base or ply sheet, mechanically fastened with nails or staples.

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- 5 **Plywood Decking**
Plywood decking to be graded per PS83 specification, 19/32 in. thick, Grade B-C, exposure 1, APA rated sheathing (42/20) square edged. All plywood joints to be sealed against leakage with caulk or a one part urethane sealant.
- 6 **Supports**
Spaced max 24 in. OC. Any of the following types may be used to support the plywood decking:
 - a) 2 by 6 in., min. No. 2 grade A.F.P.A. S-P-F Hemlock Fir, Douglas Fir or Southern Pine or equivalent.
 - b) Wood trusses with a nominal 2 by 4 in. upper chord of the same grade as item a.

c) No. 22 MSG min. thick cold formed coated steel (min. yield to be 33,000 psi).

Plywood Fasteners (Not shown)

Fasteners used to attach the plywood deck (Item 5) to the supports (Item 6) to be as follows:

- a) For plywood-to-wood supports, No. 8-18 by 1-7/8 in. long bugle-head steel screws with a No. 2 Phillips drive, a “Hi-Low” thread pattern and an “S-Point”.
- b) As an alternate to Item a, 8d by 2-1/2 in. long deformed shank common nails may be used.
- c) For plywood-to-steel supports for a steel thickness less than No. 20 MSG, No. 7-19 by 1-1/4 in. long bugle-head steel screws with a No. 2 Phillips head drive “Hi-Low” thread and an “S-Point.” For a steel thickness greater than No. 20 MSG to No. 16 MSG, No. 6-20 by 1-1/4 in. long bugle-head steel screws with a No. 2 Phillips drive and a S12 (TEKS/3)[®] point.

Spacing: Fastener spacing for all fastener types to be 6 in. OC at the plywood edges and 12 in. OC in the interior.

Refer to General Information, Roof Deck Construction (Roofing Materials and Systems Directory) for items not evaluated.

*Bearing the UL Classification Marking