



1 Metal Roof Deck Panels * / “Redi-Roof Standing Seam”

No. 24 MSG min thick coated steel; panel width max 18 in., min 12 in. Panel may be with or without offsets at ribs. Rib height with offsets 1-9/16 in. Rib height without offsets 1-3/8 in. Panels continuous over three or more clips with no end laps. A bead of sealant may be used at panel side joints.

2 Roof Deck Fasteners* (Panel Clips) / “Redi-Roof Standing Seam Clip”

One piece assembly, 2-1/4 in. wide, 1-3/8 in. high. No. 24 MSG min thick coated steel. Clips spaced 18 in. OC, fastened to plywood deck (Item 5).

3 Fasteners (Screws)

Fasteners used to attach panel clips (Item 2) to plywood (Item 5) to be No. 10-12 by 1-5/8 in. long truss head, No. 2 Phillips drive coated steel screws. Min two fasteners per clip to be used.

4 Underlayment

Underlayment used over plywood deck to be 30 lb organic felt. Sides overlapped min 8 in., end laps per manufacturer’s instructions. Felt nailed to plywood deck with staples at a random spacing.

5 Plywood Decking

Plywood decking to be graded per PS83 specification, nom 5/8 in., (19/32 in. actual) thick, exposure 1, APA rated 42/20 square edged. Butt ends not blocked.

6 Supports (Not Shown)

Spaced max of 24 in. OC. Any of the following types may be used to support the plywood decking:

- A Nom 2 by 6 in. (min) No. 2 grade A.F.P.A. S-P-F Hemlock Fir, Douglas Fir or Southern Pine.
- B Wood trusses with a 2 by 4 in. (min) upper chord of the same Grade as Item a.
- C No. 22 MSG min cold formed coated steel (min yield to be 33,000 psi).

7 Plywood Fasteners (Not Shown)

Fasteners used to attach the plywood deck to the supports 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” threads 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 an S12 (TEKS/3)®

point.

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

Refer to General Information, Roof Deck Construction for items not evaluated.

*Bearing the UL Classification Marking