



1 Metal Roof Deck Panels * / "Snap-Clad"

No. 24 MSG min thickness coated steel. Panel width 18 in. max., 10 in. min., 1-3/4 in. high at the ribs. A bead of sealant may be used at panel side joints.

A

Metal Roof Deck Panels* (Not Shown)

0.032 in. min thick aluminum, 16 in. wide max, 10 in. wide min, 1-3/4 in. high at the rib. 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. Clip spacing to be 48 in. max. OC for steel panels and 18 in. max. OC for aluminum panels. Clips to interface with Item 2A (bearing plate).

A

Bearing Plate* (Not Shown)

To be used with "Snap-Clad Clips" only (Item 2). To be 24 MSG thick coated steel, nom 4-5/8 in. wide by 6 in. long.

3 Panel Fasteners (Screws)

Fasteners used to attach panel clips and bearing plates (Items 2 & 2A) through rigid insulation and optional OSB and/or gypsum board and into light gauge steel deck (Item No. 5) to be No. 14 truss head type with No. 3 Phillips drive, self-drilling steel screws. Two screws per clip to be used, inserted through 1/4 in. diameter guide holes. Fasteners to penetrate liner panel 3/4 in. min.

4 Foamed Plastic (Rigid Insulation)

Min thickness 1 in., max thickness 4-1/2 in. Density to be a min of 1.8 pcf.

A Oriented Strand Board (OSB) (Optional) (Not Shown)

Located over foamed plastic (Item 4). Max thickness 7/16

in. Note: Bearing plates not required when OSB is used.

B Gypsum Board (Optional)

Max thickness 5/8 in. Located over liner panel (Item 5).

5

Liner Panel

Min thickness No. 22 MSG. Coated steel (33,000 psi) min yield strength min. depth 1-1/2 in., max. pitch 6 in., fabricated to various profiles.

6

Underlayment (Not shown)

One ply of 30 lb roofing felt or one layer of bituminous resin type water proofing membrane.

7

Supports (Not Shown)

Used to support liner panels, spaced per deck manufacturer's specifications for uplift.

*Bearing the UL Classification Marking