Mechanically Attached Metal Roof Panels

1	Mechanically Attached Metal Roof Panels	Type “Snap-Clad” roof deck panels (No. 24 MSG min gauge coated steel or 0.032 min. gauge coated aluminum) placed over specified insulation and/or roof covering for respective designs. Type “Snap-Clad” panels are secured by “Snap-Clad Clips” with the upper portion of the clip engaging the panel rib. A 4-1/2 by 6 in. bearing plate fabricated from No. 26 MSG coated steel is used under each panel clip (the bearing plate shall be placed over the specified insulation). Panel clips are attached to the steel deck with No. 14 steel screws having a No. 3 Phillips-drive truss head with an off-set drill-type point. Two fasteners per clip are used.
	For use in Design Numbers:	P225, P227, P230, P233, P237, P259, P508, P510, P512, P514, P701, P711, P717, P720, P722, P723, P724, P726, P731, P734, P736, P801, P815, P819 and P821.
2	Mechanically Attached Metal Roof Panels	Types “High Snap-On Standing Seam”, “Snap-On Standing Seam”, “Integral Batten”, “Integral Standing Seam”, “Redi-Roof Standing Seam”, “Redi-Roof Batten”, “Snap-Clad”, “Tite-Loc”, “Tite-Loc Plus” roof deck panels (No. 24 MSG min. gauge coated steel or 0.032 min. gauge coated aluminum) placed over specified insulation and/or roof covering for respective designs. Panels secured to a top layer of 7/16 in. APA-Rated oriented stand board (OSB) laminated to rigid insulation or 5/8 in. plywood over rigid insulation. Panels secured to oriented strand board or plywood at side ribs with panel clips designed specifically for these panels. Panel clips spaced 18 in. OC using No. 10 by 1-1/4 in. long self-drilling, self tapping wafer head. Zinc-plated carbon steel screws. The oriented strand board laminated insulation or plywood covered rigid insulation are mechanically fastened to steel roof deck and covered with a 30 lb. felt.
	For use in Design Numbers:	P225, P227, P230, P233, P237, P259 P508, P510, P512, P514, P515, P701, P711, P717, P720, P722, P723, P724, P726, P731, P734, P736, P801, P815, P819 and P821.
3	Mechanically Attached Metal Roof Panels	Types “Tite-Loc” and “Tite-Loc Plus” roof deck panels (No. 24 MSG min. gauge coated steel or 0.032 min. gauge coated aluminum) placed over specified insulation and/or roof covering for respective designs. Both types secured to hat sections+ or bearing plates++ with panel clips designed for the particular panel.
	For use in Design Numbers:	P225, P227, P230, P233, P237, P508, P510, P512, P701, P711, P715, P717, P720, P722, P724, P726, P731, P734, P736, P801, P803, P814, P815, P819, and P821.

+Hat-shaped member to be a minimum of 16 MSG, 1 in. min. depth. Member to be fastened through the roof insulation to the steel roof deck with No. 14 self-drilling and/or self-tapping fasteners. Spacing to be determined by the structural loading requirements. In addition, any compressible UL Classified glass fiber compressible blanket insulation with or without a vapor retarding facing may be used between the specified roof insulation and the metal roof panels.

++Bearing plate to be a minimum of 16 MSG. Member to be fastened through the roof insulation to the steel deck with No. 14 self-drilling and/or self-tapping fasteners.