

CEILINGS SPECIFICATIONS

COMPONENT	SPECIFICATIONS
Skin /Face Sheets	12 or 14-gauge (.093" min.), skip-welded along length Summit Medium Security – single skin Pinnacle Maximum Security – double skin
Width	Maximum 24"
Dimensions	8' and 10' nominal (actual finished length is 95.50" and 119.50" respectively) 2" thick with factory formed shiplap edges
Stiffening Core	Full length, 16-gauge (.053" min.) tall hat reinforcements extending from one skin to the other, welded no less than 8" between welds to both skins, with no greater than 4" between vertical sections
Insulation	Mineral wool board with nominal density of 8 lbs. /cu. ft., factory filled
Wall Perimeter Angles	Formed angles 3" x 2" x 12-gauge, punched 4" on center for anchor bolts or field plug welding Approved installation drawings include project-specific details Standard practice is 3/8" diameter anchor bolts 16" on center or plug weld 12" on center
Intermediate Tee Supports	For spans exceeding length of ceiling planks, two wall perimeter angles are bolted together with 3/8" bolts, 24" on center or field plug welded 12" on center, with supports suspended using 3/8" threaded rod to the structure above, 36" on center
Start & Ending Panels	Single-skin, 12-gauge panels, stiffened, cut-to-size in field by installation contractor
Standard Installation	Field cut-to-length planks are laid into perimeter angles and tee supports on approved installation drawings and welded to perimeter angles and support tees using 1" long welds spaced 12" on center Panel-to-panel joints are welded using 1" long welds spaced 12" on center Where space for installation allows, welds are applied from the top side and left undressed to reduce finishing All openings required in ceilings are performed by others and independently supported from structure above by others
Finishes	Standard product is non-perforated, hot-rolled, pickled, oiled, and factory-primed mild steel Available finishes / features include A60 galvanized, Type 304 stainless steel for showers (2B, swirled finish or factory-primed), perforated room side skin for improved acoustic performance, and more Finished to be free of irregularities and dressed smooth on the room-side only with the top side to have visible welds with minimal dressing, if any Dressed smooth is defined as having surface roughness that can be achieved with a prime coat of 1.5 mils or greater plus a finish coat of paint to hide grind marks Finish coat to have maximum gloss rating of 20% reflectance, per HMMA 840