

Pan Tips: Pans vs. Beam & Slab

Construction using steel pans is over a century old! Often referred to as joist construction, the use of steel pans results in an efficient method of forming beam and slab construction.

Pans simply void out concrete. Pans are placed on a form deck with concrete placed on the top and sides to create beam and slab construction. Topping slabs are generally 4 ½” to 5” deep, depending on codes. Beams, often referred to as joists, can be any width needed for the span, but generally range from 6” to 12” wide at the bottom.

We recommend pan construction for the following applications:

- Office Buildings
- Health Care and Medical Facilities
- Educational Facilities
- Manufacturing or projects with heavy loadings
- Sports & Entertainment Facilities, often exposed to view
- Podium slabs that carry non-concrete structural framing above, like wood or cold formed steel framing

PAN CONSTRUCTION OFFERS GREATER LAYOUT FLEXIBILITY THAN BEAM & SLAB AT REDUCED COSTS:

