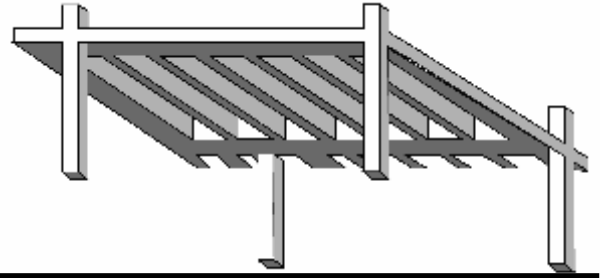


LONGforms



LONGforms are available to produce a 6-foot and 3-foot module for one-way joist construction. LONGforms can be very cost efficient when sufficient reuse within the project is possible for a repetitious layout.

LONGforms are customized for each project and should be specified when a good appearance is required. These forms are made into a single piece by butt-welding heavy gauge steel for the main form body and are installed by lapping over and end cap at each end to complete the void forming. These forms will have a small grout fin at the joint between forms at the joist soffit. Since there are no intermediate laps and the joists are formed against a continuous steel surface, the concrete formed will yield a quality finish.

Since these are steel forms, the concrete may have blotches or a mottled color from the iron oxide. If required, this surface color can be easily removed with a light sand blast.

LONGforms are commonly used with a 6" joist resulting in a 3-foot or 6-foot module depending on the pan width selected. For additional cost, other joist widths can be accommodated with fillers installed in the soffits of the LONGform pans, but the finish will suffer due to doubling the number of grout finds at the joist soffits. Limited inventories of 53" wide LONGforms that produce a 5-foot module are also available. Your Ceco representative can review your options with you.



Concrete Quantities/30" Widths*

Depth of LONGform	Width of Joist	Cubic feet of concrete per square foot For various slab thickness*	
		3"	4 1/2"
14"	6"	.482	.607
16"	6"	.522	.647
20"	6"	.605	.730
24"	6"	.694	.819

* Apply only for areas over FLANGEforms and joists between them. Bridging joists, special headers, beam tees, etc., not included.

Concrete Quantities/66" Widths*

Depth of LONGform	Width of Joist	Cubic feet of concrete per square foot for various slab thickness*	
		3"	4 1/2"
14"	6"	.366	.491
16"	6"	.388	.511
20"	6"	.427	.552
24"	6"	.472	.597

* Apply only for areas over LONGforms and joists between them. Bridging joists, special headers, beam tees, etc., not included.

Voids Created by Various Size FLANGEforms

Shaded areas below indicate standard filler widths

Depth of LONGform	Cubic feet of void created per linear foot by width of LONGform		
	66" Width	30" Width	20" Width
14"	6.303	2.801	1.829
16"	7.185	3.183	2.072
20"	8.935	3.933	2.544
24"	10.667	4.667	3.000

Shaded areas above indicate standard filler widths.

Dimensions

