



# WIDE LONG FLANGEforms

**WIDE LONG FLANGEforms** have been used in standard 8, 12, and 16-foot lengths. **WIDE LONG FLANGEforms** are hybrid pans that resemble conventional **FLANGEforms** in use, but provide an improved finish, for a marginal cost increase. As with **WIDE FLANGEforms**, standard length pans are lapped over one another to achieve the desired void length. Since fewer pan units are used to form any given void, fewer lap marks are left on the finished concrete. These forms have a standard flange and will impart flange marks at the joist and beam soffits. These forms easily accommodate non-standard joist widths and can be sued to make any economical joist module (for instance, 12" + 66" = 78" module).

Repetitious void lengths that will accommodate standard length pans are the key to economy. Standard **WIDE FLANGEforms** are used together with **WIDE LONG FLANGEforms** where standard length long pans do not fit the voids designed. **WIDE LONG FLANGEforms** are capable of producing sound structural concrete only. They are not appropriate for critically exposed surfaces where appearance is important. **WIDE LONG FLANGEforms** are a segmented steel form that will have irregular lap marks in the finished concrete. However, with careful consideration given for void lengths, the underside finish of a **WIDE LONG FLANGEform** project will have an improved finish over a **WIDE FLANGEform** project due to fewer lap and flange marks. Some find this finish acceptable for non-critically exposed areas.

If a higher quality of finish is desired, for additional cost, you may wish to consider **Ceco LONGforms** (please see page 6). If you desire, your **Ceco** representative will assist in form type selection



## WIDE LONG FLANGEform Concrete Quantities for 53" and 66" Void Widths

Depth of Steelform	Width of Joist	Cubic feet of concrete per square foot For 4 1/2" thick topping slab*	
		53" Void	66" Void
<b>14"</b>	6"		.491
	9"	Not Available	.533
	12"		.572
<b>16"</b>	6"	.541	.511
	9"	.597	.559
	12"	.648	.603
<b>20"</b>	6"	.592	.553
	9"	.662	.612
	12"	.725	.667
<b>24"</b>	6"	.646	.597
	9"	.730	.668
	12"	.806	.734

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

## Voids Created by Design Module

Depth of Void	Cubic feet of void created per linear foot	
	53" Void	66" Void
<b>14"</b>	Not Available	6.303
<b>16"</b>	5.741	7.185
<b>20"</b>	7.130	8.935
<b>24"</b>	8.500	10.667

