



WAFFLE SLABS - MOULDS

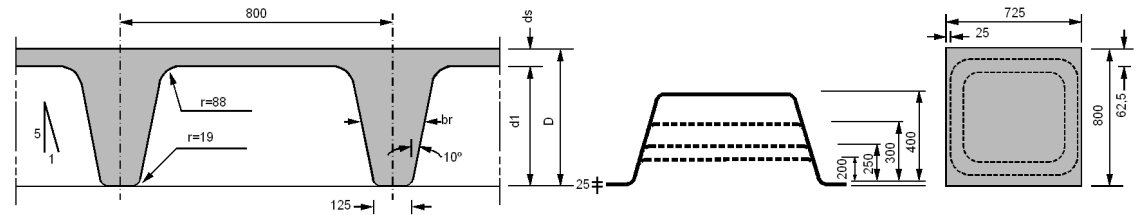
FG 800 MOULDS

“FG 800” moulds are used on the construction of waffle slabs with bidirectional orthogonal ribs, also called fungiform slabs, producing modules with 800 mm distance between the ribs axis.

There are four different types of “FG 800” moulds, with heights of 200 mm, 250 mm, 300 mm and 400 mm.

They were designed with two narrower edges so that they can be removed three days after the concrete casting, keeping the vertical support structure.

They are internally reinforced, guaranteeing very small deformations. Its low weight allows an easy handling on site.



Mould Height	Top Layer Thickness	Total Height	Average Rib Width	Cross Section Area	Distance to G.C.		Inertia (per rib)	Flexion Module (per rib)		Void Volume		Self-Weight	Concrete Volume
					Upper Face	Bottom Face							
mm	mm	mm	mm	cm²	mm	mm	cm⁴/rib	cm³/rib	cm³/rib	m³/mould	m³/m²	KN/m²	m³/m²
200	50	250	164	710	76	174	35092	4617	2017	0,080	0,125	3,15	0,125
	75	275	169	910	82	193	47499	5793	2461			3,75	0,150
	100	300	173	1110	90	210	62176	6908	2961			4,40	0,175
250	50	300	173	810	95	205	60694	6389	2961	0,095	0,148	3,80	0,152
	75	325	177	1010	99	226	79426	8023	3514			4,45	0,177
	100	350	182	1210	106	244	100258	9458	4109			5,05	0,202
300	50	350	182	918	115	235	96048	8352	4087	0,115	0,179	4,30	0,171
	75	375	186	1118	117	258	122897	10504	4763			4,90	0,196
	100	400	190	1318	123	277	151574	12323	5472			5,55	0,221
400	50	450	200	1162	156	294	203062	13017	6907	0,145	0,226	5,60	0,224
	75	475	204	1362	157	318	251824	16040	7919			6,25	0,249
	100	500	208	1562	160	340	301779	18861	8876			6,85	0,274
d1	ds	D	br	A	rs	ri	I	Ws	Wi	Vv		25 KN/m³ Concrete	