



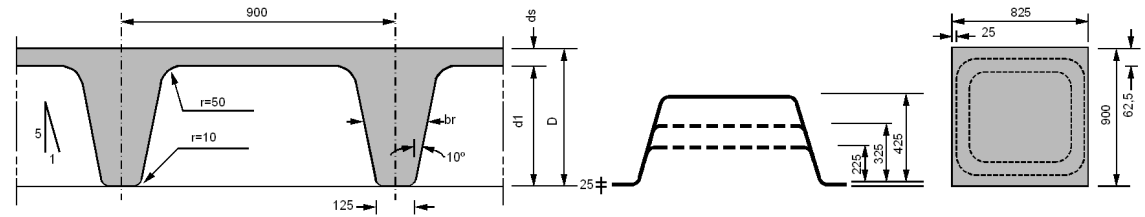
WAFFLE SLABS - MOULDS

FG 900 MOULDS

“FG 900” moulds are used on the construction of waffle slabs with bidirectional orthogonal ribs, also called fungiform slabs, producing modules with 900 mm distance between the ribs axis.

There are three different types of “FG 900” moulds, with heights of 225 mm, 325 mm and 425 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	cm ²	mm	mm	cm ⁴ /rib	cm ³ /rib	cm ³ /rib	m ³ /mould	m ³ /m ²	KN/m ²	m ³ /m ²
225	50	275	172	816	83	192	49561	5971	2581	0,113	0,139	3,45	0,136
	75	300	176	1040	87	213	65670	7548	3083			4,05	0,161
	100	325	180	1266	95	230	84158	8858	3659			4,65	0,186
325	50	375	192	1043	122	253	125718	10304	4969	0,156	0,192	4,60	0,183
	75	400	197	1268	123	277	159245	12947	5749			5,20	0,208
	100	425	203	1493	128	297	194449	15191	6547			5,85	0,233
425	50	475	207	1310	165	310	255029	15456	8226	0,197	0,242	5,85	0,233
	75	500	212	1536	163	337	314390	19347	9315			6,45	0,258
	100	525	217	1761	165	360	374573	22701	10450			7,10	0,283
d1	ds	D	br	A	rs	ri	I	Ws	Wi	Vv		25 KN/m³ Concrete	