



WAFFLE SLABS - MOULDS

FG 600T MOULDS

Designed for predominantly single direction waffle slabs, with main rib spacing of 600 mm and variable secondary rib spacing, producing ribs $b=125$ mm wide.

Two tip modules (A) may be combined with a variable amount of middle modules (B), originating different lengths, like 1200 mm, 1910 mm, etc.

Moulds come with 325 mm and 425 mm height.

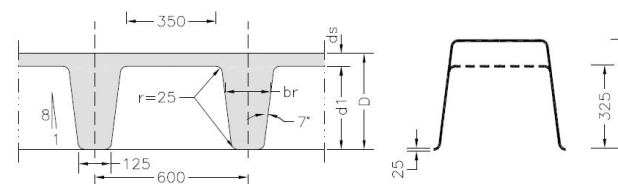
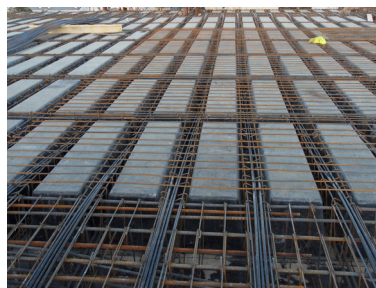


Table 1 - Geometry and Technical Details

Mould Height	Top Layer Thickness	Total Height	Average Rib Width	Rib Cross-Section Area	Distância to C. G.		Inertia (per rib)	Flexion Module (per rib)	
					Upper Face	Inferior Face			
mm	mm	mm	mm	cm ²	mm	mm	cm ⁴ /rib	cm ³ /rib	cm ³ /rib
325	50	375	171	838	136	239	104560	7688	4375
	75	400	175	988	138	262	132740	9619	5066
	100	425	178	1138	143	282	162540	11366	5764
425	50	475	184	1057	179	296	210410	11755	7108
	75	500	187	1207	180	320	258750	14375	8086
	100	525	190	1357	184	341	308450	16764	9045
d1	ds	D	br	A	vs	vi	I	Ws	Wi

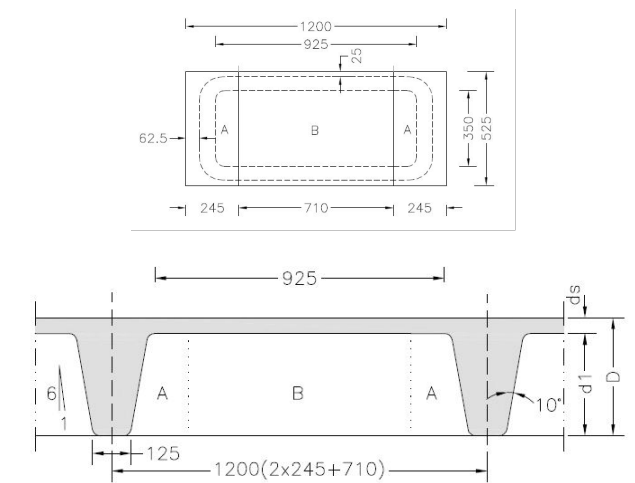


WAFFLE SLABS - MOULDS

FERCANORTE

ESTRUTURAS, LAJES E
COFRAGENS, LDA. **MK4**

FG 600T - 0,60 x 1,20 m (2A+1B) RIB MESH



FG 600T - 0,60 x 1,91 m (2A+2B) RIB MESH

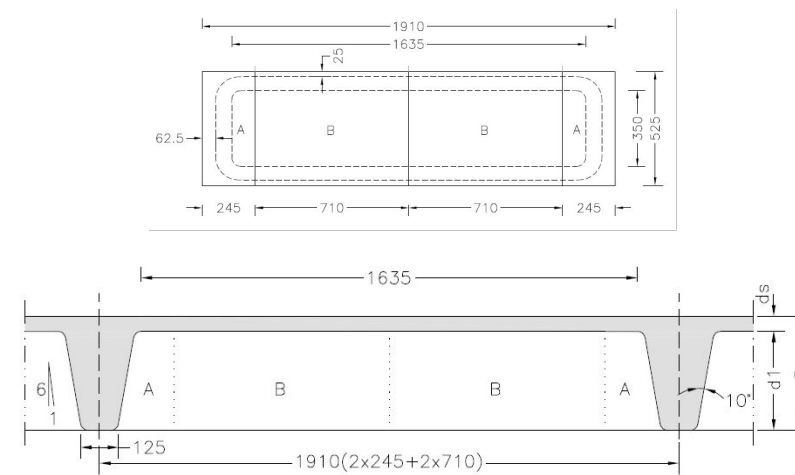


Table 2 - Volumes and Self Weights

Mould Height	Top Layer Thickness	Total Height	0,60 x 1,20 m Rib Mesh				0,60 x 1,91 m Rib Mesh			
			Void Volume		Self Weight	Concrete Volume	Void Volume		Self Weight	Concrete Volume
			m³/mould	m³/m²			m³/mould	m³/m²		
mm	mm	mm			KN/m²	m³/m²			KN/m²	m³/m²
325	50	375	0,143	0,199	4,41	0,176	0,242	0,211	4,10	0,164
	75	400			5,03	0,201			4,72	0,189
	100	425			5,66	0,226			5,35	0,214
425	50	475	0,179	0,249	5,66	0,226	0,306	0,267	5,20	0,208
	75	500			6,28	0,251			5,82	0,233
	100	525			6,91	0,276			6,45	0,258
d1	ds	D	Vv		25 KN/m³ Concrete		Vv		25 KN/m³ Concrete	