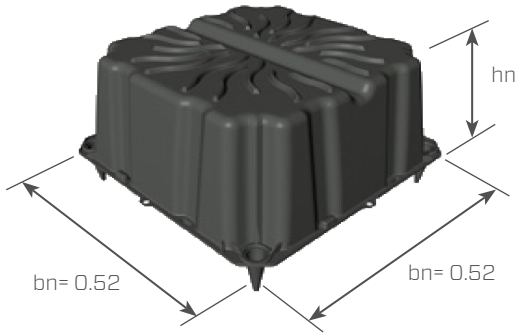
VOIDED SLABS - NAUTILUS

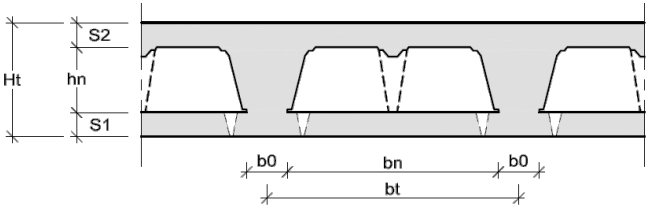
FERCANORTE
ESTRUTURAS, LAJES E COFRAGENS, LDA. | MK4

"NAUTILUS-FN" SINGLE MODULE

- Voided Slabs.
- Flat ceilings.



	Nautilus Model [hn] cm	Feet Height [s1] cm	Rib Width [b0] cm
Single Module	H 10	5	12
	H 13	6	14
	H 16	7	16
	H 20	8	18
	H 24	9	20
	H 28	10	



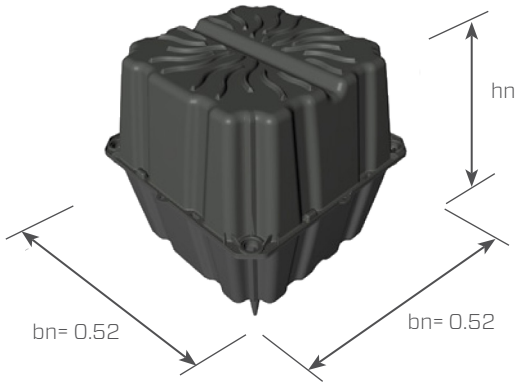
Total Thickness [Ht]	Bottom Layer [s1]	"Nautilus" Height [hn]	Top Layer [s2]	Rib Width [b0]	"Nautilus" Width [bn]	Rib Axis Distance [bt]	Inertia (per rib) [I]	Void Volume [Vv]		Concrete Volume [Vb]	Self Weight [p.p.]
cm	cm	cm	cm	cm	cm	cm	cm^4/rib	m^3/un.	m^3/m^2	m^3/m^2	kN/m^2
Ht = 20	5	10	5	12	52	64	38622	0,024	0,058	0,142	3,55
Ht = 23	5	13	5	12	52	64	56467	0,028	0,068	0,162	4,04
Ht = 26	5	16	5	12	52	64	78043	0,032	0,078	0,182	4,55
Ht = 30	5	20	5	12	52	64	113451	0,039	0,095	0,205	5,12
Ht = 34	5	24	5	12	52	64	157116	0,046	0,112	0,228	5,69
Ht = 38	5	28	5	12	52	64	209820	0.051	0.125	0.255	6.39

VOIDED SLABS - NAUTILUS

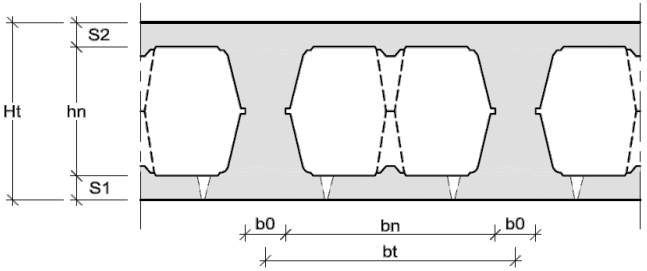
FERCANORTE
ESTRUTURAS, LAJES E COFRAGENS, LDA. | MK4

"NAUTILUS-FN" DOUBLE MODULE

- Voided Slabs.
- Flat ceilings.



Double Module	Nautilus Model [hn] cm	Feet Height [s1] cm	Rib Width [b0] cm
	H 20	5	12
	H 23	6	14
	H 26	7	16
	H 29	8	18
	H 32	9	20
	H 33	10	
	H 36		
	H 37		
	H 40		



Total Thickness [Ht] cm	Bottom Layer [s1] cm	"Nautilus" Height [hn] cm	Top Layer [s2] cm	Rib Width [b0] cm	"Nautilus" Width [bn] cm	Rib Axis Distance [bt] cm	Inertia (per rib) [I] cm⁴/nerv.	Void Volume [Vv] m³/un.	Void Volume [Vv] m³/m²	Concrete Volume [Vb] m³/m²	Self Weight [p.p.] kN/m²
Ht = 32	6	20	6	12	52	64	145356	0,048	0,117	0,203	5,07
Ht = 35	6	23	6	12	52	64	183787	0,052	0,127	0,223	5,58
Ht = 38	6	26	6	12	52	64	227696	0,057	0,139	0,241	6,02
Ht = 41	6	29	6	12	52	64	277452	0,060	0,146	0,264	6,59
Ht = 44	6	32	6	12	52	64	333395	0,064	0,156	0,284	7,09
Ht = 45	6	33	6	12	52	64	353475	0,067	0,164	0,286	7,16
Ht = 48	6	36	6	12	52	64	418133	0,070	0,171	0,309	7,73
Ht = 49	6	37	6	12	52	64	441052	0,071	0,173	0,317	7,92
Ht = 52	6	40	6	12	52	64	515393	0,078	0,190	0,330	8,24
Ht = 53	6	41	6	12	52	64	497963	0,079	0,193	0,337	8,43
Ht = 56	6	44	6	12	52	64	576062	0,084	0,205	0,355	8,87
Ht = 60	6	48	6	12	52	64	639574	0,092	0,225	0,375	9,38
Ht = 64	6	52	6	12	52	64	764442	0,097	0,237	0,403	10,08
Ht = 68	6	56	6	12	52	64	1048163	0,102	0,249	0,431	10,77