

FLOATING FLOOR ACC-TN



APPLICATIONS

Execution in floating floors of theatres, recording studios, clubs, industrial facilities, shops, engine rooms, benches for machinery, etc. and as a damping element in applications where there is a discontinuity in the construction elements.

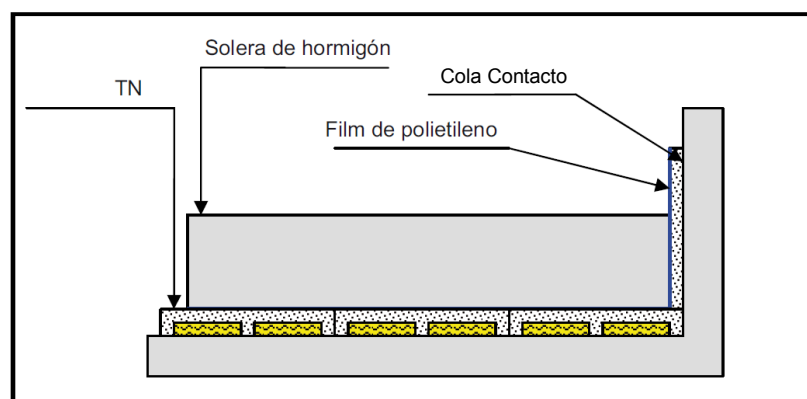
Low resonance frequency design, with elastomeric membrane for the absorption of impact noise, makes it particularly suitable for the realization of floating floors under severe design specifications in terms of vibration and impact noise.

DESCRIPTION

- Membrane base product and recycled rubber chippings for lateral load support and united with elastomer and recycled polyurethane foam.

CHARACTERISTICS

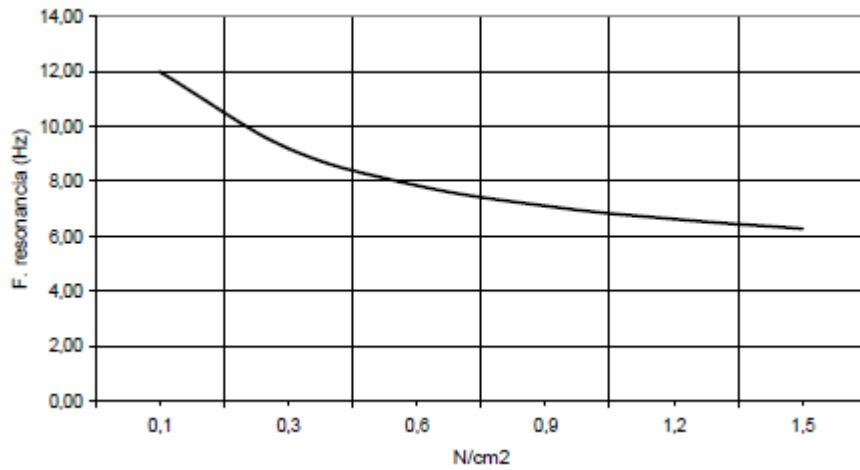
Productos	TN 92			TN 93			TN 95		
Composición	Caucho y espuma			Caucho y espuma			Caucho y espuma		
Dimensiones (cm)	A	B	C	A	B	C	A	B	C
	120	100	2	120	100	3	120	100	5
Densidad (kg/m ³)	400			385			260		
Reacción al fuego	M2			M2			M2		



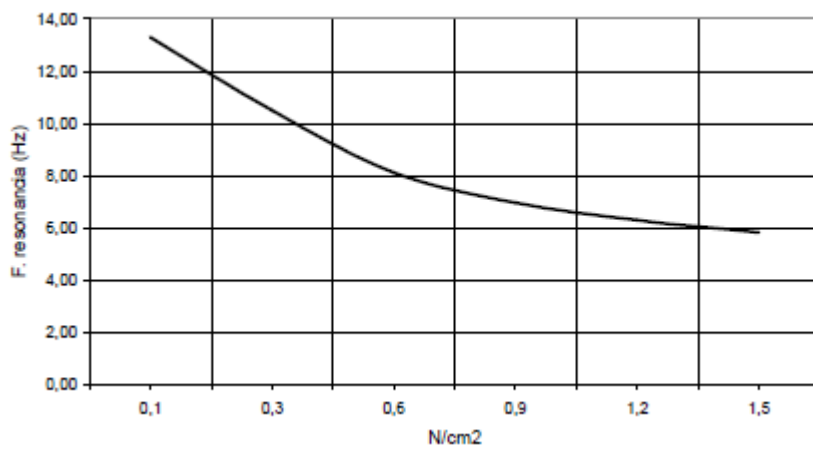
Detalle instalación

MECHANICAL BEHAVIOR

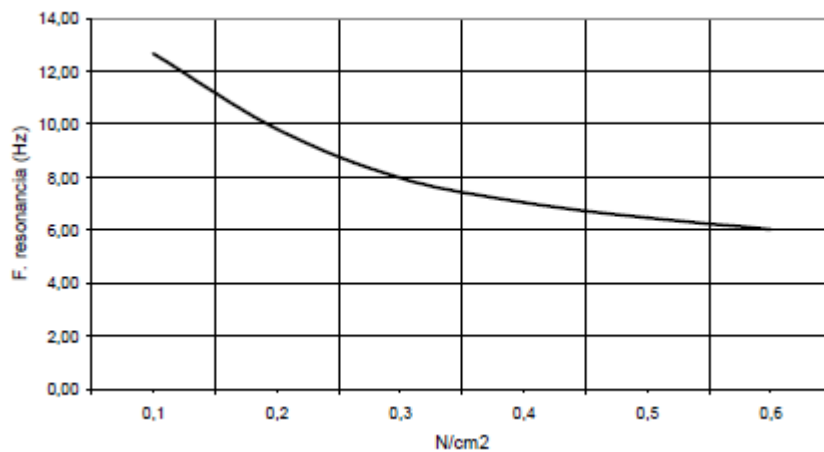
TN-92



TN-93



TN-95

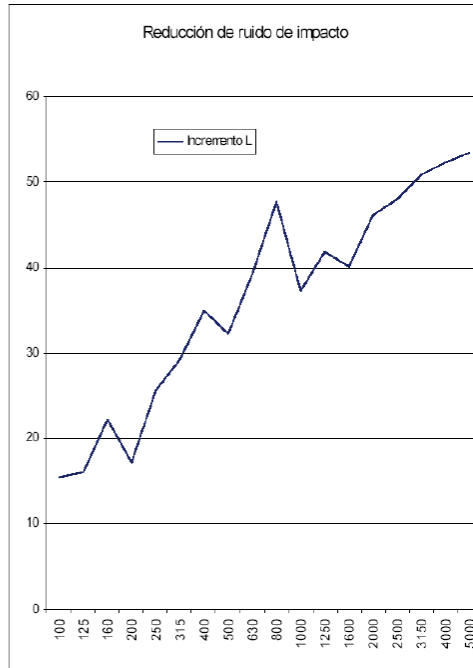


NOISE IMPACT BEHAVIOR

Aislamiento contra el ruido de impacto bajo una solera de hormigón de 4 cm de espesor.

Frec. Hz	L_{n0}	ΔL
100	48,8	15,5
125	46,9	16,1
160	45,6	22,2
200	48,3	17,2
250	41,7	25,7
315	37,0	29,3
400	32,6	35,0
500	35,8	32,2
630	28,9	39,2
800	21,1	47,6
1000	32,9	37,2
1250	29,1	41,8
1600	31,1	40,2
2000	26,0	46,1
2500	24,5	48,0
3150	21,0	50,8
4000	18,1	52,3
5000	15,0	53,5

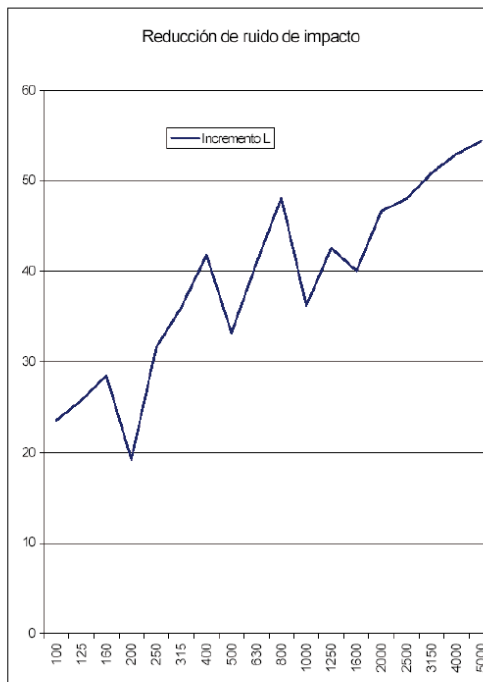
ΔL_{nw}	ΔL_{nA}	C_{1A}
39,0	38,4	-12,0



TN 92

Frec. Hz	L_{n0}	ΔL
100	64,3	23,6
125	63,0	25,7
160	67,8	28,5
200	65,5	19,2
250	67,4	31,6
315	66,2	36,0
400	67,6	41,8
500	68,1	33,2
630	68,2	40,9
800	68,8	48,1
1000	70,1	36,2
1250	70,9	42,6
1600	71,2	40,0
2000	72,2	46,7
2500	72,5	48,0
3150	71,8	50,8
4000	70,4	53,0
5000	68,5	54,4

ΔL_{nw}	ΔL_{nA}	C_{1A}
42,0	40,6	-10,0



TN 95