

**MATERIAL SPECIFICATIONS - TECNICAL DATA**

PRODUCT NAME	Placa
MATERIAL	100% Polyester Fiber (PET) 60% post consumer recycled
LONG	2440 mm
WIDTH	1220 mm
THICKNESS	9mm - 12mm - 18mm - 24mm
WHEIGHT	1850 gsm - 2400 gsm - 3700 gsm - 4800 gsm
FIRE RATING	B, s1, d0 Class A



Bst - do



Reciclable



No tóxico

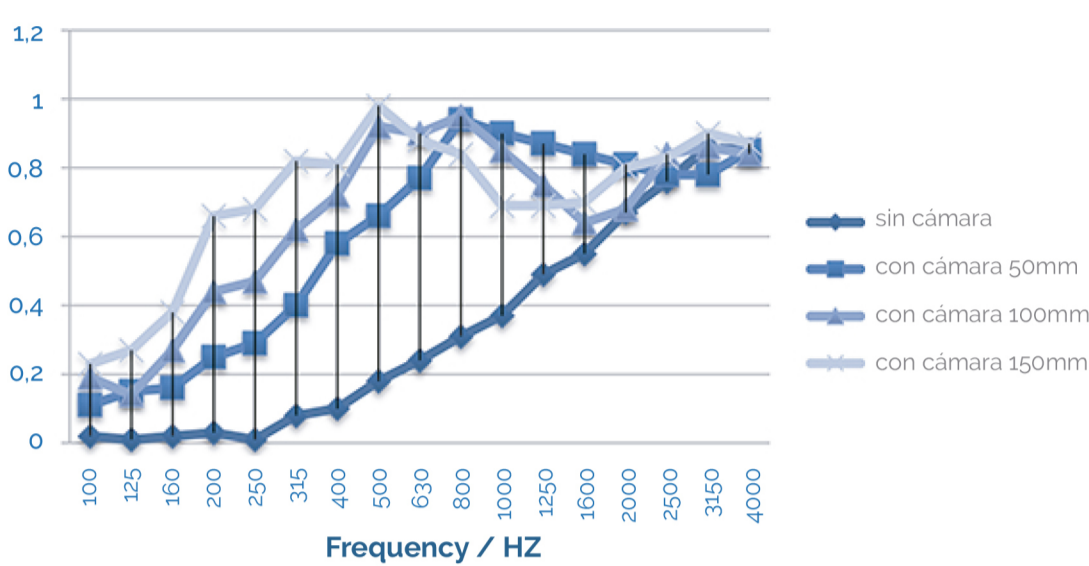


0.85



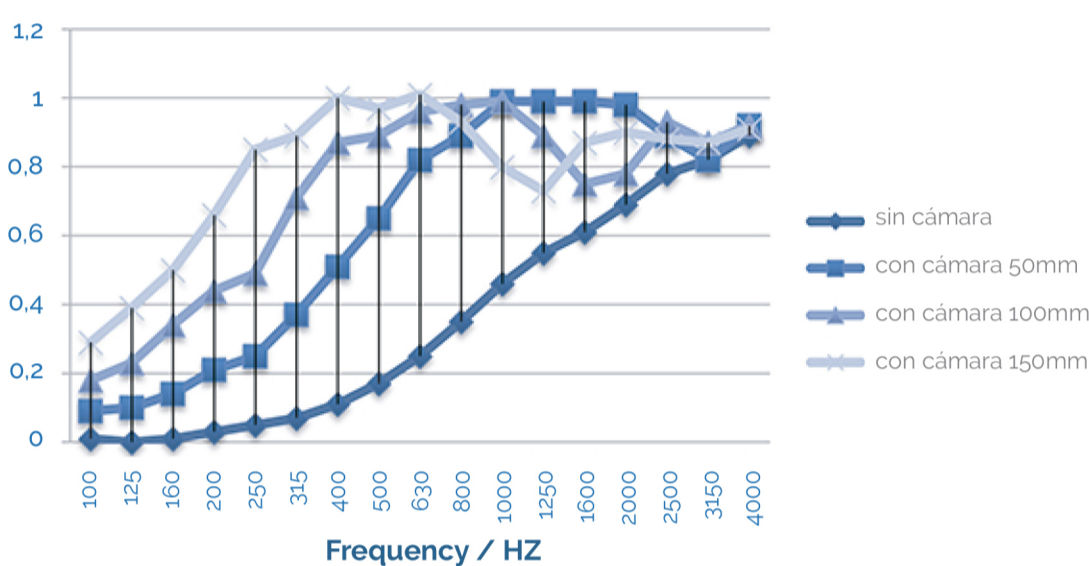
**Sound Absorption performance for PET Panels in 9 mm 1850 gsm**

Frequency / HZ	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	$\alpha$	NRC
without back cavity	0.02	0.01	0.02	0.03	0.01	0.08	0.1	0.18	0.24	0.31	0.37	0.49	0.55	0.67	0.76	0.86	0.85	0.35	0.3
back cavity 50mm	0.11	0.15	0.16	0.25	0.29	0.4	0.58	0.66	0.77	0.94	0.9	0.87	0.84	0.81	0.78	0.78	0.85	0.61	0.65
back cavity 100mm	0.19	0.14	0.27	0.44	0.47	0.62	0.72	0.92	0.9	0.95	0.85	0.75	0.64	0.68	0.84	0.86	0.84	0.66	0.75
back cavity 150mm	0.23	0.27	0.38	0.66	0.68	0.82	0.81	0.98	0.88	0.84	0.69	0.69	0.07	0.8	0.83	0.9	0.87	0.72	0.8



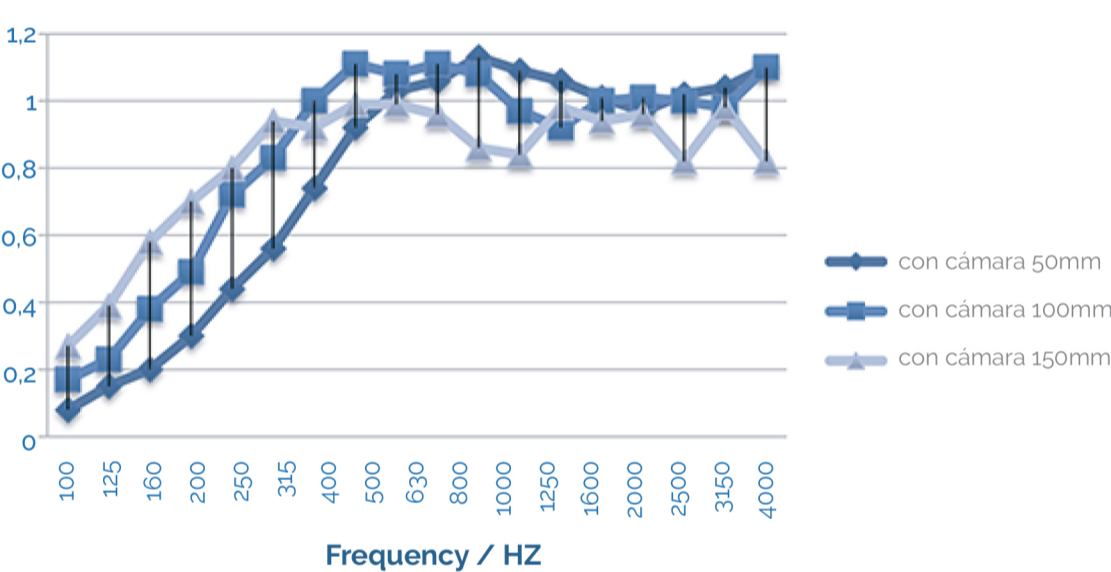
**Sound Absorption performance for PET Panels in 12 mm 2400 gsm**

Frequency / HZ	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	$\alpha$	NRC
without back cavity	0.01	0	0.01	0.03	0.05	0.07	0.11	0.17	0.25	0.35	0.46	0.55	0.61	0.69	0.78	0.82	0.89	0.34	0.35
back cavity 50mm	0.09	0.1	0.14	0.21	0.25	0.37	0.51	0.65	0.82	0.89	0.99	0.99	0.99	0.98	0.89	0.82	0.92	0.62	0.7
back cavity 100mm	0.18	0.23	0.34	0.44	0.49	0.71	0.87	0.89	0.96	0.98	0.99	0.89	0.75	0.78	0.93	0.87	0.92	0.72	0.8
back cavity 150mm	0.29	0.39	0.5	0.66	0.85	0.89	1	0.97	1.01	0.93	0.8	0.73	0.87	0.9	0.88	0.87	0.91	0.79	0.9



**Sound Absorption performance for PET Panels in 24 mm**

Frequency / HZ	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	$\alpha$	NRC
back cavity 50mm	0.08	0.15	0.2	0.3	0.44	0.56	0.74	0.92	1.03	1.06	1.13	1.09	1.06	1.01	0.97	1.02	1.04	0.77	0.88
back cavity 100mm	0.17	0.23	0.38	0.49	0.72	0.83	0.1	1.11	1.08	1.11	1.08	0.97	0.92	1	1.01	1	0.98	0.84	0.98
back cavity 150mm	0.27	0.39	0.58	0.7	0.8	0.94	0.92	0.99	0.99	0.96	0.86	0.84	0.98	0.94	0.96	0.82	0.98	0.9	0.9



**EURO STANDARD PANEL**

