




MATERIAL SPECIFICATIONS - TECHNICAL DATA

PRODUCT NAME	Circle
MATERIAL	100% Polyester Fiber (PET) 60% post consumer recycled
DIAMETER	600 – 800mm – 1200mm
THICKNESS	Wall: 9mm Ceiling: 12mm – 18mm – 24mm
FIRE RATING	B, s1, d0 Class A
CERTIFICATION	  



B1 - d0



Recyclable

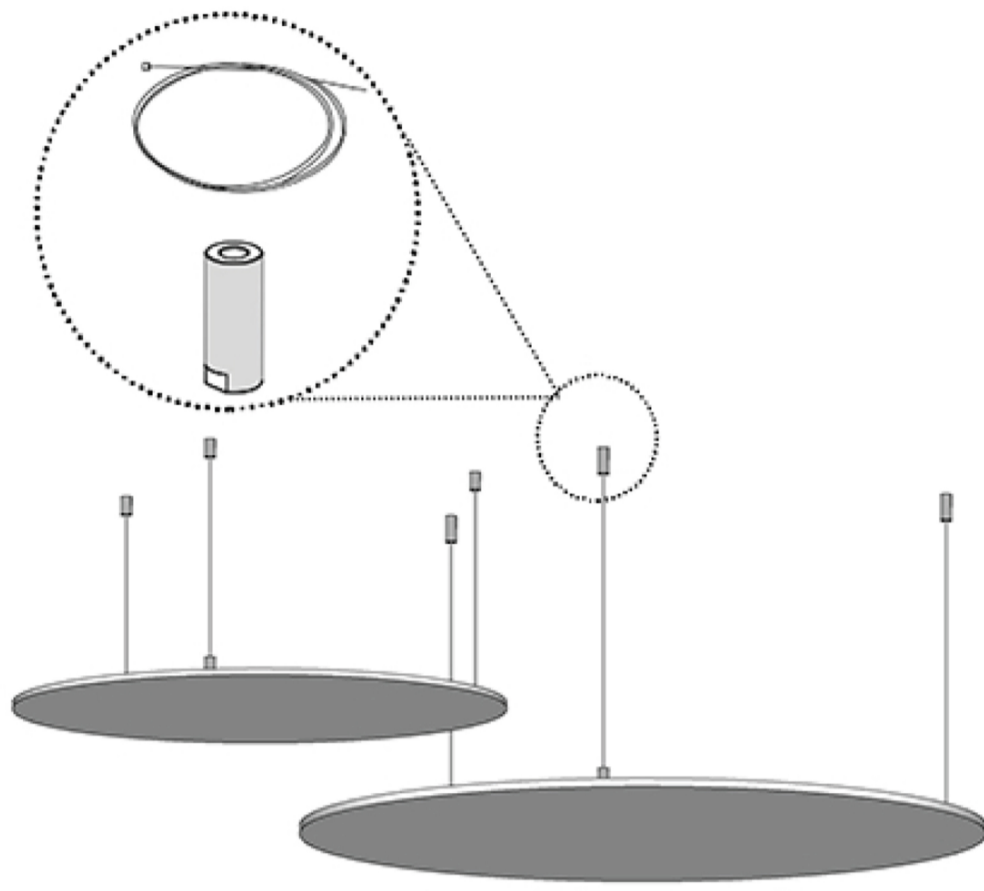


No tóxico



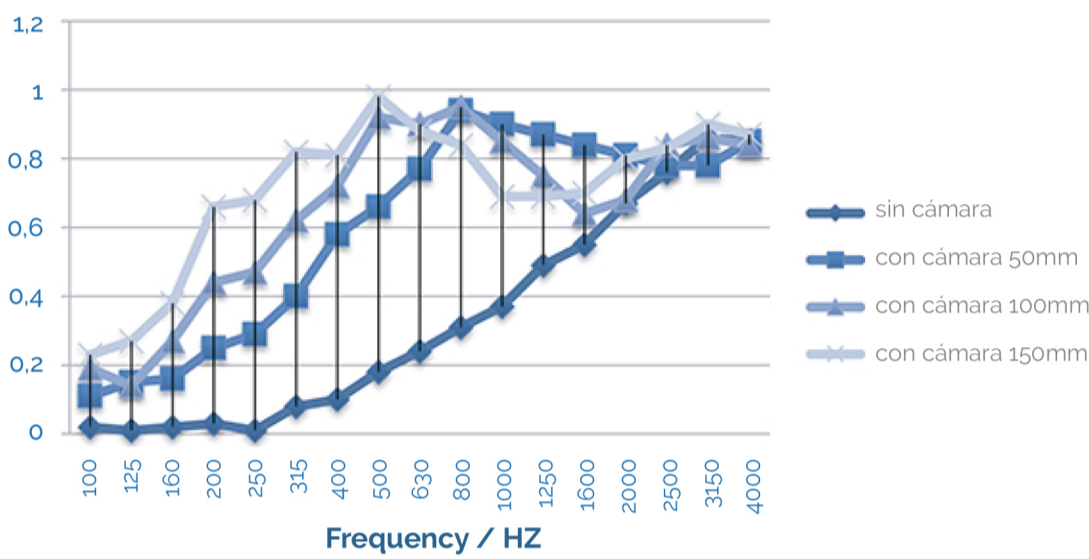
0.85

SUBJECTION



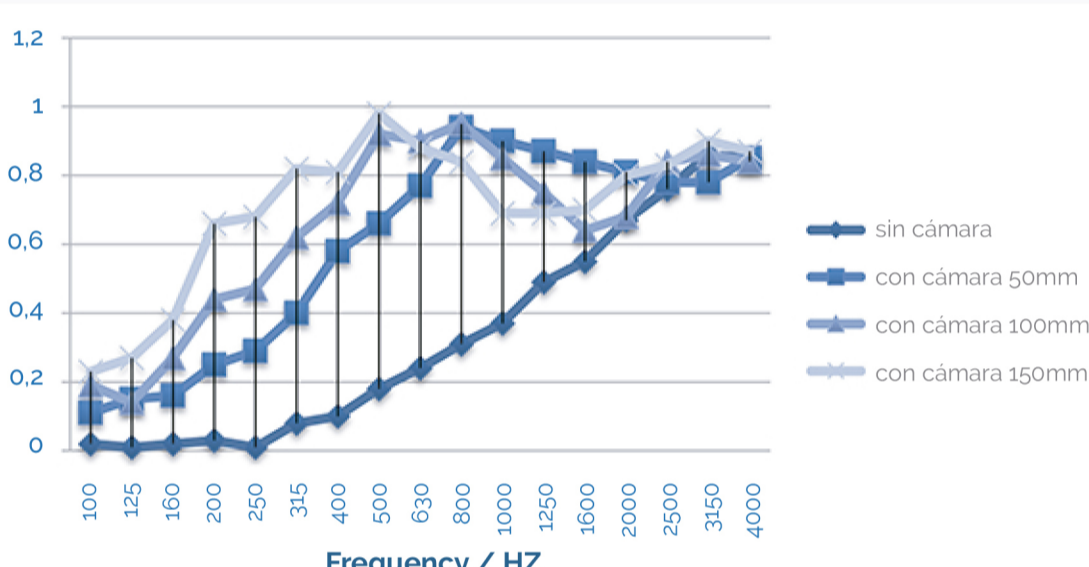
Sound Absorption performance for PET Panels in 9 mm 1850 gsm

Frequency / HZ	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	α	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



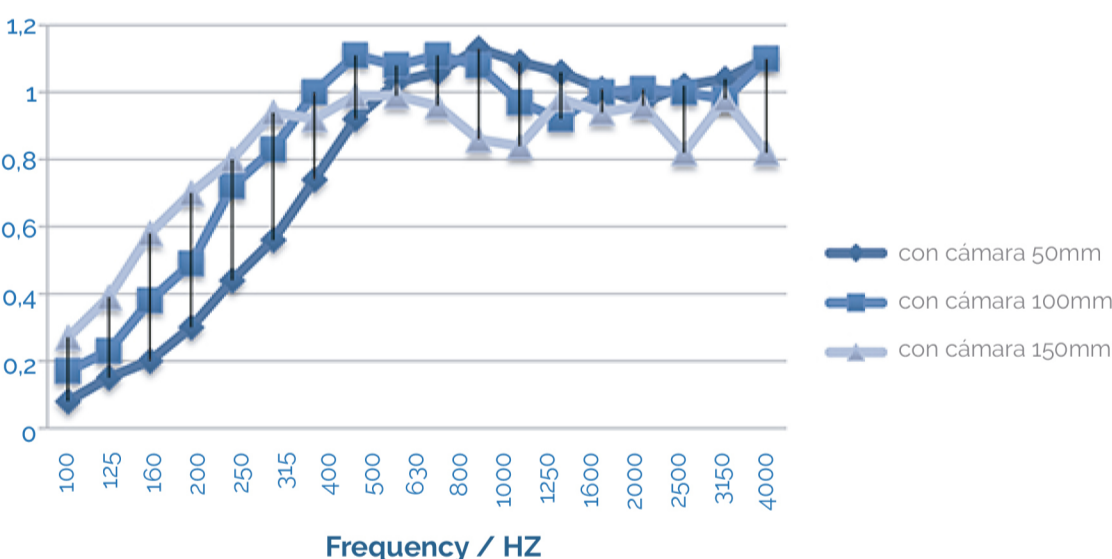
Sound Absorption performance for PET Panels in 12 mm 2400 gsm

Frequency / HZ	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	α	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	α	NRC
without back cavity	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 50mm	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 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

