



TECHNICAL DATA

Luxor C

Reverberation control in confined spaces

Product description and Technical Specification

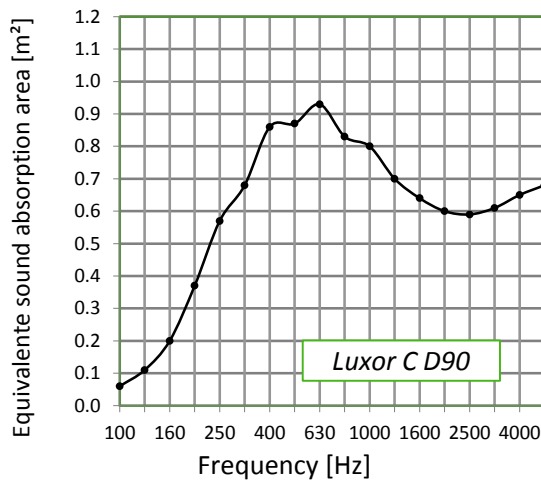
Sound absorption panel made of melamine resin, installed inside a rigid frame and covered by a coloured textile, total thickness 6 cm, with a circular shape of diameter ... cm, weight ... kg.



- suitable for: restaurants, offices, conference halls
- easy and flexible application
- wide colour range

PHYSICAL CHARACTERISTICS	Norm	Unit	D60	D90	Tolerance
Thickness		cm	6		± 5%
Diameter		cm	60	90	± 1%
Total Weight (fastening excluded)		kg	1.7	3.0	± 10%
Colour					
Material in cavity			melamine foam		

ACOUSTIC CHARACTERISTICS	Norm	Unit	D60	D90	Tolerance
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Equivalent sound absorption area			
f [Hz]	A _{obj} [m ²]	f [Hz]	A _{obj} [m ²]
100	0.06	800	0.83
125	0.11	1000	0.80
160	0.20	1250	0.70
200	0.37	1600	0.64
250	0.57	2000	0.60
315	0.68	2500	0.59
400	0.86	3150	0.61
500	0.87	4000	0.65
630	0.93	5000	0.68

Measurements according to ISO 354 standard

TECHNICAL CHARACTERISTICS	Norm	Unit	D60	D90	Tolerance
Resistance to combustion (melamine foam core)	EN 13501-1		B-s1,d0		
Operating temperature		°C	-40 / +120		

PACKING AND STORING

The packaging is made of carton boxes with dimension 950 x 950 x 300 mm (Luxor C D90), or with dimension 650 x 650 x 300 (Luxor C D60). Indoor storage is suggested, protected from rain and direct sunlight.

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