



TECHNICAL DATA

Luxor R

Reverberation control in confined spaces

Product description and Technical Specification

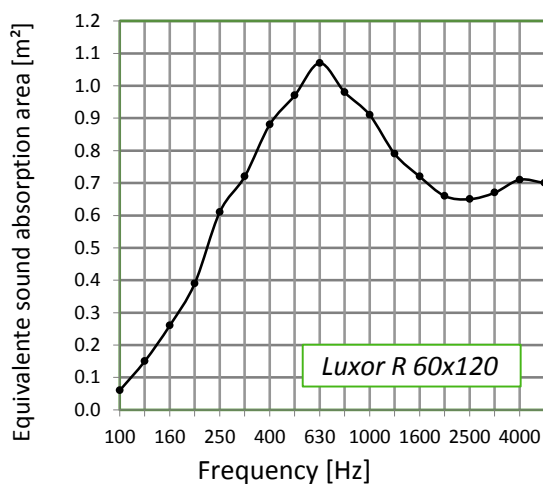
Sound absorption panel made of melamine resin, installed inside a rigid frame and covered by a coloured textile, total thickness 6 cm, with a rectangular shape of dimensions ... cm x ... cm, weight ... kg.

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



PHYSICAL CHARACTERISTICS	Norm	Unit	60x60	30x120	60x120	Tolerance
Thickness		cm	6			± 5%
Width		cm	60	30	60	± 1%
Length		cm	60	120	120	± 1%
Total Weight (fastening excluded)		kg	1.7	2.2	2.9	± 10%
Colour						
Material in cavity			melamine foam			

ACOUSTIC CHARACTERISTICS



Equivalent sound absorption area			
f [Hz]	A _{obj} [m²]	f [Hz]	A _{obj} [m²]
100	0.06	800	0.98
125	0.15	1000	0.91
160	0.26	1250	0.79
200	0.39	1600	0.72
250	0.61	2000	0.66
315	0.72	2500	0.65
400	0.88	3150	0.67
500	0.97	4000	0.71
630	1.07	5000	0.70

Measurements according to ISO 354 standard

TECHNICAL CHARACTERISTICS	Norm	Unit	60x60	30x120	60x120	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 1250 x 650 x 300 mm (Luxor R 30x120 and 60x120), or with dimension 650 x 650 x 300 (Luxor R 60x60). Indoor storage is suggested, protected from rain and direct sunlight.

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