



TECHNICAL DATA

Luxor R Light

Reverberation control in confined spaces

Product description and Technical Specification

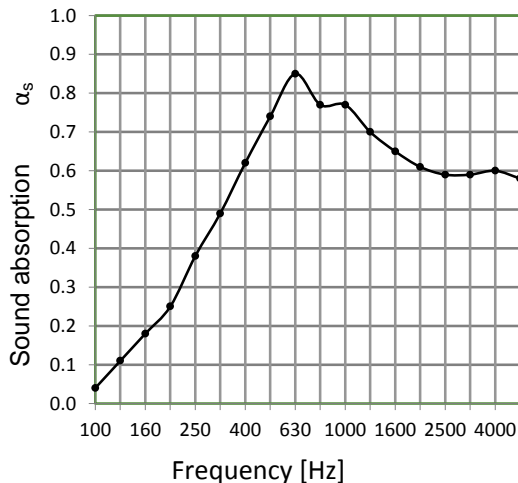
Sound absorption panel made of melamine resin, covered by a coloured textile, total thickness 5 cm, with a rectangular shape of dimensions ... cm x ... cm, weight ... kg.



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

PHYSICAL CHARACTERISTICS	Norm	Unit	55x55	25x115	55x115	Tolerance
Thickness		cm	5			± 5%
Width		cm	55	25	55	± 1%
Length		cm	55	115	115	± 1%
Total Weight (fastening excluded)		kg	0.3	0.3	0.6	± 10%
Colour of textile						
Material			melamine foam			

ACOUSTIC CHARACTERISTICS	Norm	Unit	55x55	25x115	55x115	Tolerance
Sound absorption coefficient α_w	ISO 354 and 11654	-	0.60			



Sound absorption coefficient α			
f [Hz]	α_s	f [Hz]	α_s
100	0.04	800	0.77
125	0.11	1000	0.77
160	0.18	1250	0.70
200	0.25	1600	0.65
250	0.38	2000	0.61
315	0.49	2500	0.59
400	0.62	3150	0.59
500	0.74	4000	0.60
630	0.85	5000	0.58

Measurements according to ISO 354 standard

TECHNICAL CHARACTERISTICS	Norm	Unit	55x55	25x115	55x115	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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