

## TECHNICAL DATA SHEET

Echo Moon

### Sound absorption for ceiling

#### Product description and Technical Specification:

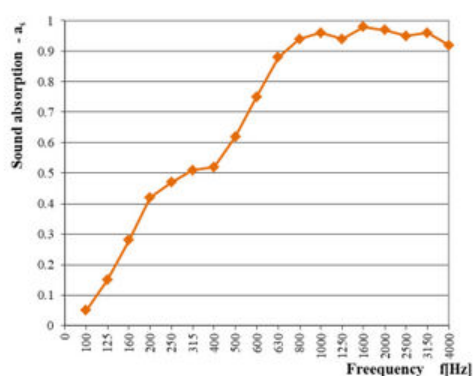
Echo Moon is a high-performance sound absorbing hanging panel designed to absorb sounds from its front and back side. Echo Moon panel is effective when applied in large open spaces where acoustical treatment is needed. It is very cost-effective way to reduce reverberation time and eliminate sound reflections from the ceiling and other surfaces in treated environment. They are easy to install on concrete, metal frames or gypsum board ceilings.

- Suitable for indoor conditions
- Classic design
- Good acoustic performance



PHYSICAL CHARACTERISTICS	Standard	Unit	Value	Tolerance
Thickness		mm	50	±3 mm
Diameter		mm	500/1000	± 3 mm
Weight D = 1000 mm		kg	1,50	± 5 %
Weight D = 500 mm		kg	0,75	± 5 %

ACOUSTIC CHARACTERISTICS	Standard	Unit	Value
Raw Materials			PE or Melamine semi elastic foam and acoustic fabric
Installation			Suspension wires or direct glued
Color			available in 22 colors
Sound absorption coefficient $\alpha_w$	EN ISO 345	-	0.75



Sound absorption coefficient					
f [Hz]	$\alpha_s$	f [Hz]	$\alpha_s$	f [Hz]	$\alpha_s$
100	0.05	400	0.52	1250	0.94
125	0.15	500	0.62	1600	0.98
160	0.28	600	0.75	2000	0.97
200	0.42	630	0.88	2500	0.95
250	0.47	800	0.94	3150	0.96
315	0.51	1000	0.96	4000	0.92

TECHNICAL CHARACTERISTICS	Standard	Unit	Value
Airflow resistivity		Rayl/m	11 200
Class Reaction to Fire	DIN 4102	-	B1 s1 d0
Coefficient of Heat Loss (U)		W/m²K	0.66

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AVAILABLE COLORS



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