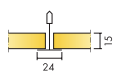


Ecophon Sombra™ A

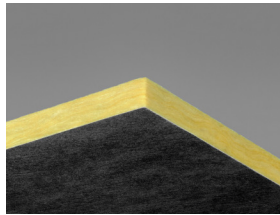
Ecophon Sombra™ A has an exposed grid system. For applications requiring a black ceiling with low light reflection and good sound absorbing properties. Suitable for social venues such as bars and night clubs.



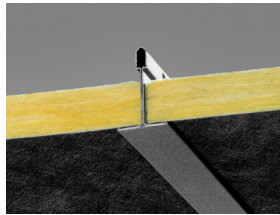
SYSTEM RANGE



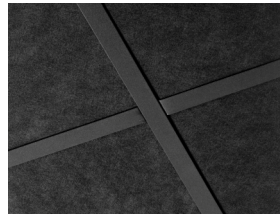
Size, mm	600x600	1200x600
Connect T24	•	•
Thickness	15	15



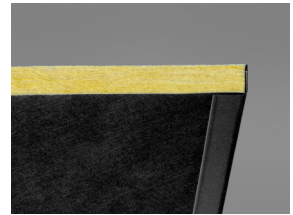
Sombra A tile



Section of Sombra A system



Sombra A system



Sombra A with black Connect Angle trim

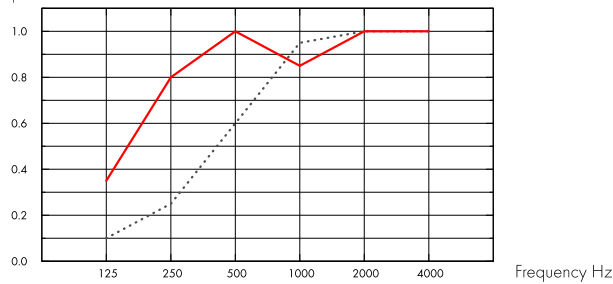
Acoustic



Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.

α_p , Practical sound absorption coefficient



..... Sombra A 15 mm, 50 mm o.d.s.
 — Sombra A 15 mm, 200 mm o.d.s.
 o.d.s = overall depth of system

	THK mm	o.d.s. mm	α_p , Practical sound absorption coefficient					α_w	Sound absorption class	
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz			4000 Hz
-	15	50	0.10	0.25	0.60	0.95	1.00	1.00	0.55	D
-	15	200	0.35	0.80	1.00	0.85	1.00	1.00	0.95	A

	THK mm	o.d.s. mm	NRC	SAA
-	15	50	0.70	0.71
-	15	200	0.90	0.91

Indoor Air Quality



Certificate / Label	
Eurofins Indoor Air Comfort®	IAC Gold
French VOC	A+



Carbon footprint



	kg CO ₂ equiv/m ²
Sombra A	2,14

Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804

Circularity



Minimum post-consumer recycled content	55%
Recyclability	Fully recyclable



Fire safety

Country	Fire standard	Class
Europe	EN 13501-1	A2-s1,d0

The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

Black 997, nearest NCS colour sample S 9000-N, 3-4% light reflectance.



Cleanability

Weekly dusting and vacuum cleaning.



Accessibility

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagrams, installation guides and drawing aid. (The tiles have to be installed according to the arrows on the back of the tile.)



System weight

	kg/m ²
Sombra A	1,1

Weight information is indicative and subject to variation.



Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.



CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.