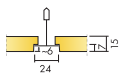


# Ecophon Gedina™ E

Ecophon Gedina™ E has a recessed visible grid and a tegular edge design, creating a ceiling with a shadow effect that accentuates each tile and partially conceals the grid system. For applications which require an easy install, suspended ceiling and meet standard functional demands.



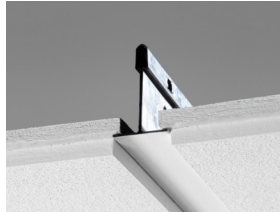
## SYSTEM RANGE



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



Gedina E tile



Section of Gedina E system



Gedina E system

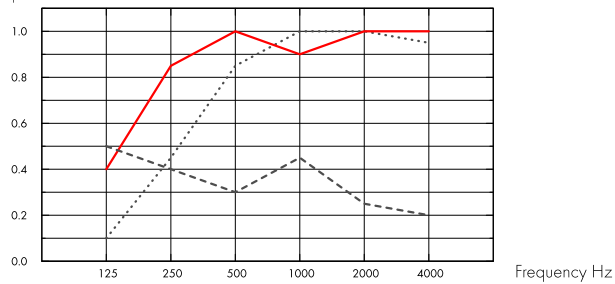
## Acoustic



### 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.

$\alpha_p$ , Practical sound absorption coefficient



- ..... Gedina E 15 mm, 60 mm o.d.s.
  - Gedina E 15 mm, 200 mm o.d.s.
  - Gedina E/gamma 15 mm, 200 mm o.d.s.
- o.d.s = overall depth of system

	THK mm	o.d.s. mm	$\alpha_p$ , Practical sound absorption coefficient						$\alpha_w$	Sound absorption class
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
-	15	60	0.10	0.45	0.85	1.00	1.00	0.95	0.75	C
-	15	200	0.40	0.85	1.00	0.90	1.00	1.00	1.00	A

	THK mm	o.d.s. mm	NRC	SAA
-	15	60	0.85	0.86
-	15	400	0.85	0.83

THK mm	AC(1.5) Articulation Class, ASTM E1111, ASTM E1110	$D_{nfw}$ Weighted normalized flanking level difference, ISO 10848-2	CAC dB Ceiling Attenuation Class, ASTM 1414, ASTM E413
15	190	19	19

## Indoor Air Quality



Certificate / Label

Eurofins Indoor Air Comfort®

IAC Gold

French VOC

A+





### Carbon footprint

kg CO <sub>2</sub> equiv/m <sup>2</sup>		Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804
Gedina E	2,62	



### Circularity

Minimum post-consumer recycled content	44%
Recyclability	Fully recyclable



### Fire safety

Country	Class		The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	



### Humidity Resistance

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



### Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.



### Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



### Accessibility

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



### Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.



### System weight

kg/m <sup>2</sup>		Weight information is indicative and subject to variation.
Gedina E	1,3	



### Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at [www.ecophon.com](http://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.