

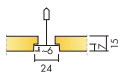
# Ecophon Hygiene Clinic™ E

Ecophon Hygiene Clinic™ E has a recessed visible grid and a tegular edge design, suitable for dry areas. The absorbers have low emission levels, ensuring high indoor air quality. They are resistant to mould and bacteria growth and withstand HPV cleaning.



Centre de dialyse de Pau

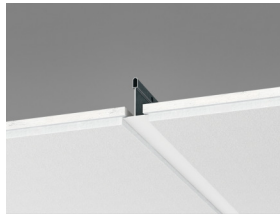
## SYSTEM RANGE



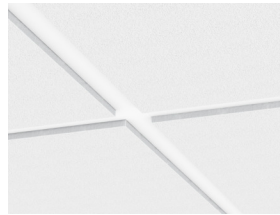
Size, mm	600x600	1200x600
T24	•	•
Thickness	15	15
Inst. Diag.	M339	M339



Hygiene Clinic E tile



Section of Hygiene Clinic E system



Hygiene Clinic E system

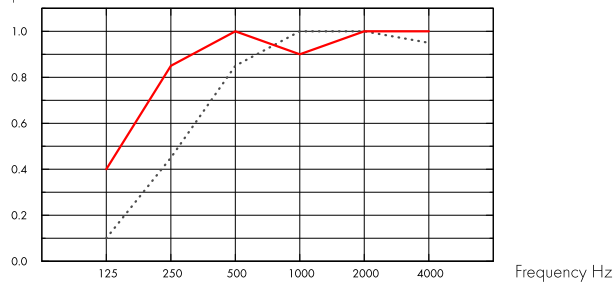
## Acoustic



### 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



..... Hygiene Clinic E 15 mm, 60 mm o.d.s.  
 — Hygiene Clinic E 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

## Indoor Air Quality



Certificate / Label	All Products
Eurofins Indoor Air Comfort®	IAC Gold
French VOC	A+
Finnish M1	•



## Cradle to Cradle Certified®



This product is Cradle to Cradle Certified® at Bronze level (version 4.0).



## Material Health

This product has received a C2C Certified Material Health Certificate™ at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate™ is a verification of the health and safety of a product's composition using the Material Health requirements of the Cradle-to-Cradle Certified Product Standard.



## 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
Hygiene Clinic E	2,19	



## Circularity

Minimum post-consumer recycled content	45%
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

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



## Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



## Advanced Cleanability

Withstand use of hydrogen peroxide vapor and compatible with UV-C disinfection, BIFMA HCF 8.1-2019



## Mould and Bacterial Resistance

Standard/Method	
ISO 846 A	0
ISO 846 C	0



## Chemical resistance/Disinfection

Chemical	Active Substance	Dilution
Ethanol	Ethanol	70%
Isopropanol	Propan-2-ol	70%
ANIOXY-SPRAY WS	Hydrogen peroxide	5%
Sumabac D10	Benzalkonium chloride (7%)	1%
Virkon S	Dipotassium peroxodisulphate; Sulphamidic acid (10g/1 L H <sub>2</sub> O)	1%

Tested according to ISO 2812-3:2019 and withstand the following chemicals or disinfectants.



## Clean Room

	Standard/Method	Class
ISO 14644	Particle cleanliness class	ISO 4
NF S 90-351	Microbiological class	M1/area 4
NF S 90-351	Particle elimination kinetics	CP(0,5) 5



## 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>
Hygiene Clinic E	1,3
Hygiene Clinic E + Connect grid system	2,3

Weight information is indicative and subject to variation.



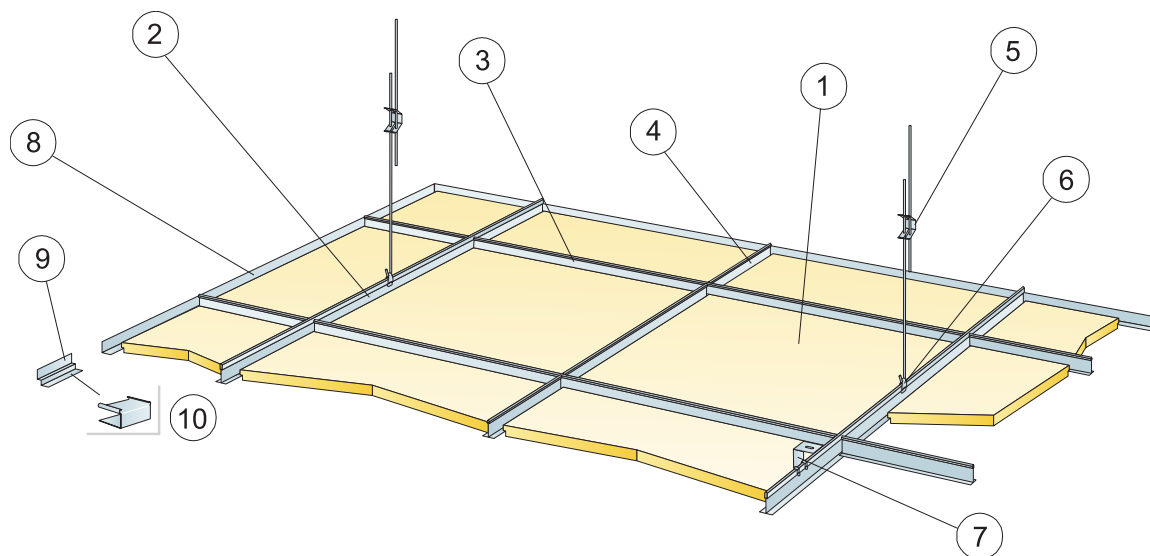
## Mechanical properties

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



## CE

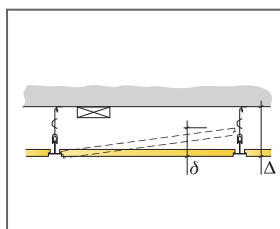
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



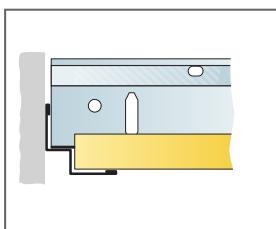
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QUANTITY SPECIFICATION (EXCL. WASTAGE)

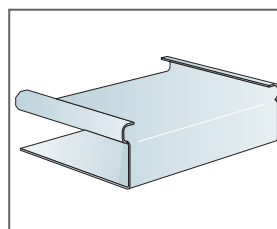
	Size, mm	
	600x600	1200x600
1 Hygiene Clinic E	2,8/m <sup>2</sup>	1,4/m <sup>2</sup>
2 Connect T24 Main Runner, installed at 1200 mm centres (max distance from wall 300 mm)	0,9m/m <sup>2</sup>	0,9m/m <sup>2</sup>
3 Connect T24 Cross Tee, L=1200 mm, installed at 600 mm centres	1,7m/m <sup>2</sup>	1,7m/m <sup>2</sup>
4 Connect T24 Cross Tee, L=600 mm	0,9m/m <sup>2</sup>	-
5 Connect Adjustable Hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,7/m <sup>2</sup>	0,7/m <sup>2</sup>
6 Connect Hanger Clip (not to be used in swimming hall environments)	0,7/m <sup>2</sup>	0,7/m <sup>2</sup>
7 For direct installation: Connect Direct Bracket, installed at 1200 mm centres	0,7/m <sup>2</sup>	0,7/m <sup>2</sup>
8 Connect Angle Trim, fixed at 300 mm centres	as required	as required
9 Connect Shadow-line Trim, fixed at 300 mm centres	as required	as required
10 Connect E-plug 0158/0154 (for Connect Shadow-line Trim)	as required	as required
Δ Min. overall depth of system, with adjustable hanger: 110 mm, with direct bracket: 60 mm.	-	-
δ Min. demounting depth: T15: 110 mm, T24: 90 mm	-	-



See Quantity Specification



Straight cut and T-profile on top of Connect Shadow-line Trim



Connect E-plug

Size, mm	Max live load [N]	Min load bearing capacity [N]
600x600x15	50	160
1200x600x15	50	160

Live load/load bearing capacity