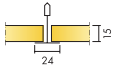


ECOPHON HYGIENE PERFORMANCE™ A 15MM

Ecophon Hygiene Performance™ A 15mm is suitable for humid areas and can withstand advanced cleaning such as steam and wet cleaning on a regular basis. The surface is resistant to common detergents and disinfectants.

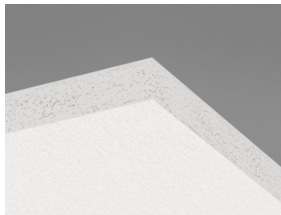


Ecophon Hygiene Performance™ A 15mm



SYSTEM RANGE

Size, mm	600x600	1200x600
T24	•	•
Thickness (THK)	15	15
Inst. Diagr.	M672C4	M672C4



Hygiene Performance A tile



Hygiene Performance A 15mm section with Connect Universal clip



Hygiene Performance A system

TYPE OF APPLICATION

- Healthcare
- Clean environments



ACOUSTIC

Sound Absorption

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value rating for Noise Reduction Coefficient, NRC, according to ASTM C 423.

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	200	0.40	0.90	1.00	0.90	1.00	1.00	A	

THK mm	o.d.s. mm	NRC
15	200	0.95



INDOOR AIR QUALITY

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



CIRCULARITY

Minimum post-consumer recycled content	44%
Recyclability	Fully recyclable



FIRE SAFETY

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

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



HUMIDITY RESISTANCE

Class D, relative humidity 97% and 50°C, according to EN 13964:2014



VISUAL APPEARANCE

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



CLEANABILITY

Standard/Method	Frequency
Dusting	Daily
Wet wiping	Weekly
Steam cleaning	4/year
Hydrogen peroxide vapor	•
UV-C, BIFMA HCF 8.1-2019	•



SURFACE ENDURANCE

Product tested according to ISO 11998, and withstand 200 cycles.



CHEMICAL RESISTANCE/DISINFECTION

Tested according to ISO 11998 and withstands the following chemicals or disinfectants.

Chemical	Active Substance	Concentration
Actichlor plus	NaDCC (Sodium Dichloroisocyanurate)	1%
LifeClean	Chlorine dioxide	Undiluted
Etanol	Etanol	70%
Chlorine	Sodium Hypochlorite solution	2,5%
Virkon S	Sulfamic acid	1%
Isopropanol	Isopropyl Alcohol	70%
Oxivir Excel	Hydrogen peroxide	0,5%
Sumabac D10	Quaternary ammonium compound, Sodium carbonate	1%
Suredis VT1	n-(3-aminopropyl)-n-dodecylpropan-1,3-diamin	1%
Enduro Chlor VE5	Potassium hydroxide	1,5%
Acipusfoam VF59	Nitric Acid	5%



MOULD AND BACTERIAL RESISTANCE

Standard/Method	Class
ISO 846 :2019 method C (for bacterium)	0 (No growth under the microscope)
ASTM D3273-16 (for fungi)	10 (0% growth on the surface)



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 demountable. Minimum demounting depth according to installation diagram. The tiles are secured using clips to allow for effective cleaning. The clips are easily removable from above the ceiling. An easy-to-open Connect Inspection hatch is available to simplify access to the ceiling void.



INSTALLATION

Installed according to installation diagrams, installation guides and drawing aid. Cut panels must be sealed with Connect Edge sealant. Penetrations must be sealed with a suitable sealant.



SYSTEM WEIGHT

Weight information is indicative and subject to variation.

	kg/m ²
Hygiene Performance 15mm	1,3
Hygiene Performance 15mm + Connect grid system	2,3



MECHANICAL PROPERTIES

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

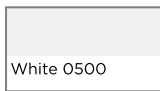


CE

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.

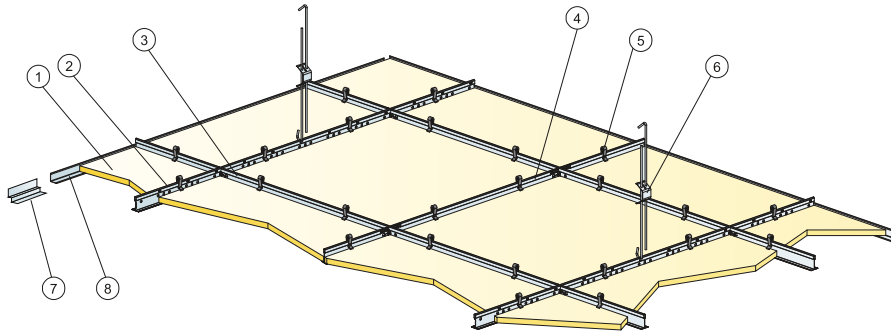
COLOURS AND DESIGN

Akutex™ HS



White 0500

Suspended ceiling

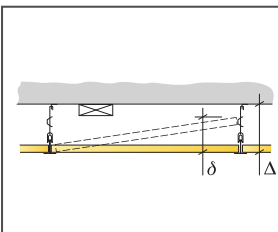


© Saint-Gobain Ecophon AB

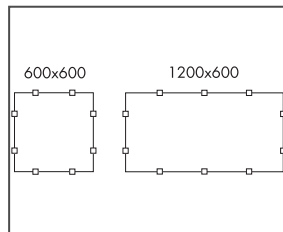
Installation diagram (M672C4) for Ecophon Hygiene Performance A 15mm C4

Quantity specification (excl. wastage)

	Size, mm	
	600x600	1200x600
1 Ecophon Hygiene Performance A 15mm	2,8/m ²	1,4/m ²
2 Connect T24 Main Runner C4, c1200	0,9m/m ²	0,9m/m ²
3 Connect T24 Cross Tee C4, L=1200, c600	1,7m/m ²	1,7m/m ²
4 Connect T24 Cross Tee C4, L=600	0,9m/m ²	-
5 Connect Universal Clip	11/m ²	7/m ²
6 Connect Adjustable Hanger C4, c1200, (max 600 mm distance from wall)	0,7/m ²	0,7/m ²
7 Connect Shadow-line trim, fixed at 300 mm centres	as required	as required
8 Connect Angle Trim 15/22 C4, fixed at 300 mm centres	as required	as required
Δ Min. overall depth of system: 150 mm		
δ Min. demounting depth: 150 mm		



See Quantity Specification



Arrangement of clips

Size, mm	Max live load (N)	Min load bearing capacity (N)
600x600x15	50	160
1200x600x15	50	160

Live load/load bearing capacity