

# ECOPHON SOLO™ LITE SQUARE

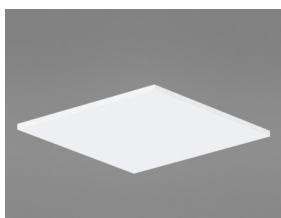
Ecophon Solo™ Lite Square is a free hanging unit. Suitable when the room volume should be maintained or when it's not possible to install a wall-to-wall ceiling.



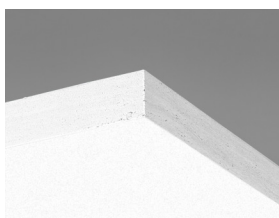
# Ecophon Solo™ Lite Square

## SYSTEM RANGE

Size, mm	1100x1100	1200x1200
Special Fixing	•	•
Thickness (THK)	40	40
Inst. Diagr.	M680	M680



Solo Lite Square



Solo Lite tile



Suspension with Connect Absorber bracket and Connect Absorber anchor



## TYPE OF APPLICATION

- Healthcare
- Office



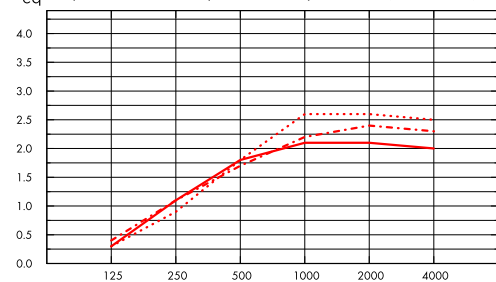
## ACOUSTIC

The values in the diagram refer to a single unit. If the units are arranged in a cluster with distances between units less than 0,5 meters, the Aeq per unit will be slightly reduced.

### Sound Absorption

Test results according to EN ISO 354.

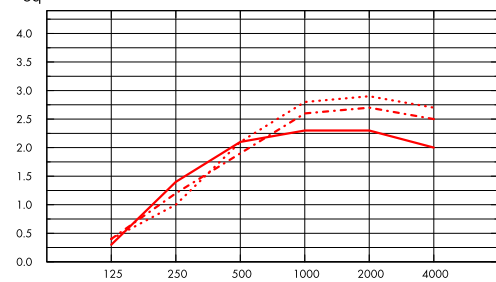
A<sub>eq</sub>, Equivalent absorption area per unit (m<sup>2</sup> sabin)



- Solo Lite 1100x1100, 200 mm o.d.s.
  - - Solo Lite 1100x1100, 400 mm o.d.s.
  - ... Solo Lite 1100x1100, 1000 mm o.d.s.
- o.d.s = overall depth of system

Frequency  
Hz

A<sub>eq</sub>, Equivalent absorption area per unit (m<sup>2</sup> sabin)



- Solo Lite 1200x1200, 200 mm o.d.s.
  - - Solo Lite 1200x1200, 400 mm o.d.s.
  - ... Solo Lite 1200x1200, 1000 mm o.d.s.
- o.d.s = overall depth of system

Frequency  
Hz

	THK mm	o.d.s. mm	A <sub>eq</sub> , Equivalent absorption area per unit (m <sup>2</sup> sabin)					
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1100x1100	40	200	0.3	1.1	1.8	2.1	2.1	2.0
1100x1100	40	400	0.4	1.1	1.7	2.2	2.4	2.3
1100x1100	40	1000	0.3	0.9	1.8	2.6	2.6	2.5
1200x1200	40	200	0.3	1.4	2.1	2.3	2.3	2.0
1200x1200	40	400	0.4	1.2	1.9	2.6	2.7	2.5
1200x1200	40	1000	0.4	1.0	2.1	2.8	2.9	2.7



## INDOOR AIR QUALITY

Certificate / Label	Standard
French VOC	A+



## 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.



## CIRCULARITY

Minimum post-consumer recycled content	59%
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



## VISUAL APPEARANCE

White Frost, nearest NCS colour sample S 0500-N, 85% light reflectance. Gloss < 1.



## CLEANABILITY

Daily dusting and vacuum cleaning. Weekly wet wiping.



## ACCESSIBILITY

The tiles are demountable.



## INSTALLATION

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



## MECHANICAL PROPERTIES

No additional live load is allowed.



## SYSTEM WEIGHT

Weight information is indicative and subject to variation.

	kg/m <sup>2</sup>
Solo Lite	2,5



**CE**

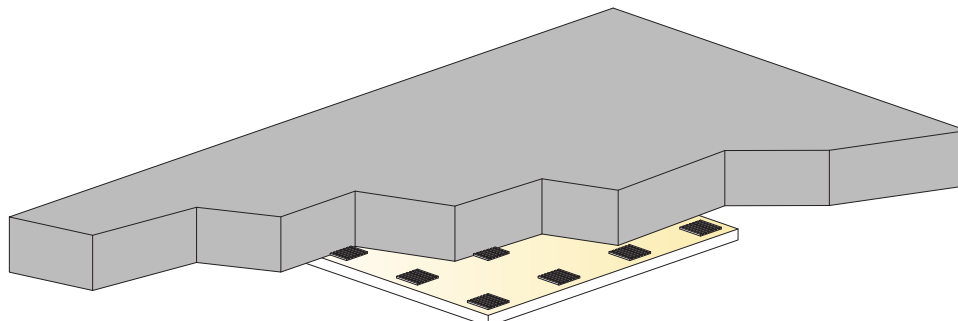
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

## **COLOURS AND DESIGN**

### **Akutex™ FT White**



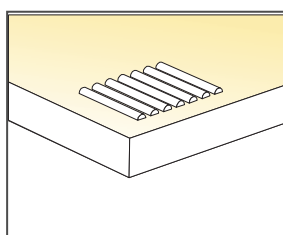
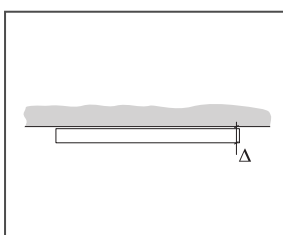
## Direct + Glue



Installation diagram (M680) for Ecophon Solo Lite Square

## Quantity specification (excl. wastage)

	Size, mm	
	1100x1100	1200x1200
1 Solo Lite Square	1,21m <sup>2</sup> /panel	1,44m <sup>2</sup> /panel
2 Connect Absorber glue (0,25 l/m <sup>2</sup> - 0,4 l/m <sup>2</sup> depending on installation conditions)	as required	as required
Cut visible edges should be painted		
Δ Min. overall depth of system: 43 mm		
Use Connect Notched spatula to apply the glue.		
δ Min. demounting depth: The system is not demountable		



Application of glue