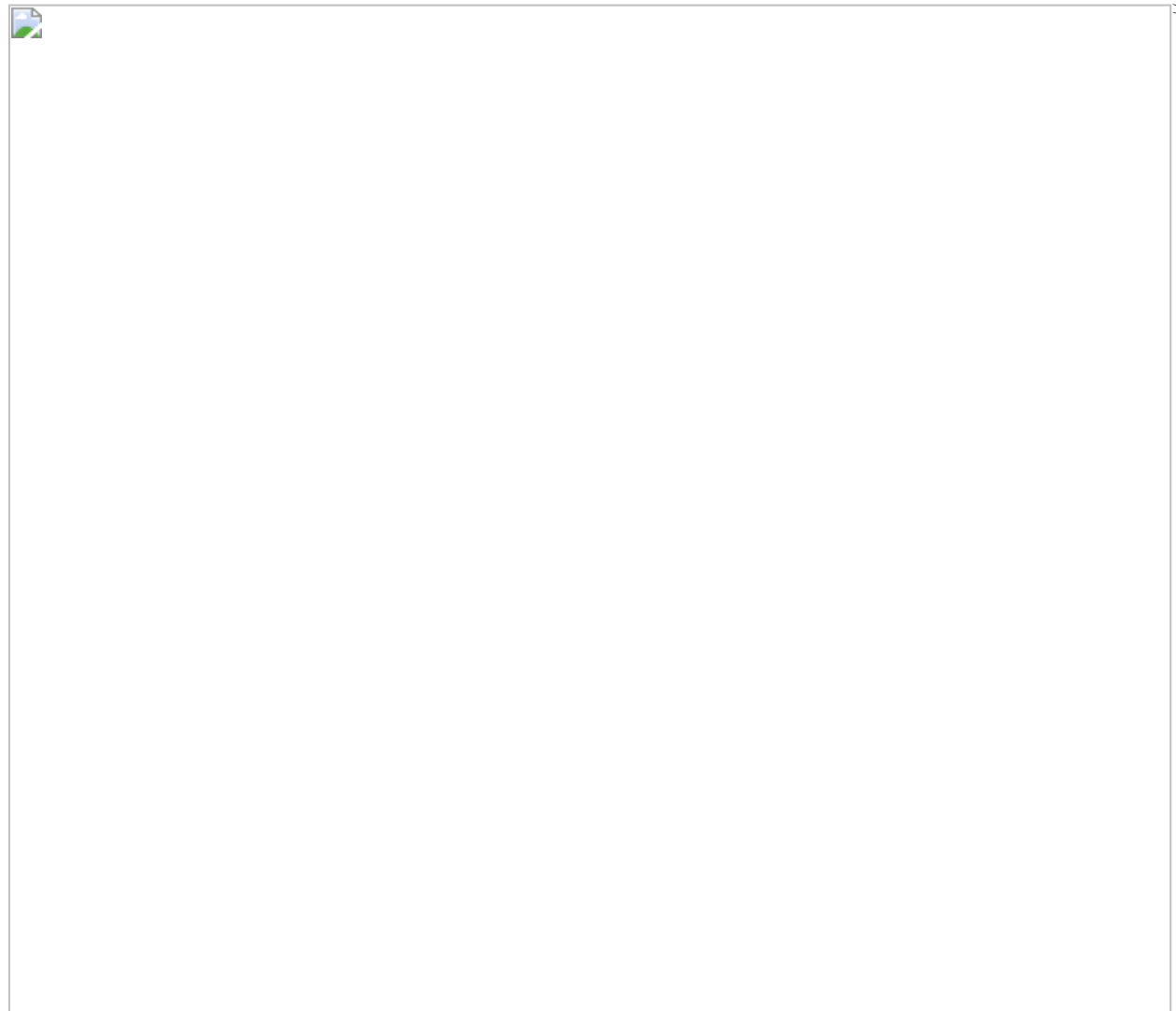


Ecophon Solo™ Lite Square

Ecophon Solo™ Lite Square is an acoustic solution, primarily when it is not possible to install a wall-to-wall ceiling. Solo Lite Square is suitable in buildings where the room volume could be maintained or as an option when TABS (Thermally Activated Building System) is selected as cooling system.

Solo Lite Square is an unframed free hanging unit offering a high degree of design possibilities and suspension systems. Different suspension systems using Adjustable wire hangers or Absorber bracket in combination with the engineered Connect Absorber anchor (patent) give opportunities to create several layers and angles.

The Solo Lite Square panel is available in size 1200x1200x40 mm with a weight of 6 kg. The panel is manufactured from high density glass wool, with Akutex™ FT surface on one side. The edges are straight cut and painted.



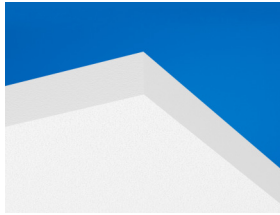
SYSTEM RANGE



Size, mm

Thickness (THK)

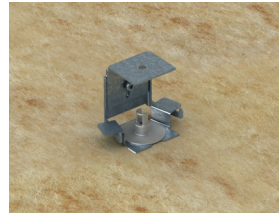
Inst. Diag.



Solo Lite panel



Suspension with Connect Adjustable wire hanger and Connect Absorber anchor



Suspension with Connect Absorber bracket and Connect Absorber anchor



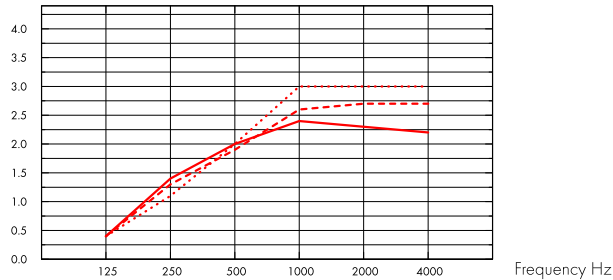
Acoustic

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_{eq} Equivalent absorption area per unit (m^2 sabin)



- Solo Lite Square 1200x1200, 200 mm o.d.s.
- - - Solo Lite Square 1200x1200, 400 mm o.d.s.
- · · Solo Lite Square 1200x1200, 1000 mm o.d.s.

THK mm	o.d.s. mm	A_{eq} Equivalent absorption area per unit (m^2 sabin)					
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
40	200	0.4	1.4	2.0	2.4	2.3	2.2
40	400	0.4	1.3	1.9	2.6	2.7	2.7
40	1000	0.4	1.1	2.0	3.0	3.0	3.0



Indoor Air Quality

Certificate / Label

Eurofins Indoor Air Comfort®	IAC
French VOC	A
Finnish M1	•



Circularity

Minimum post-consumer recycled content	64%
Recyclability	Fully recyclable



Fire safety

Country	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 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

The tile can take both point loads and distributed loads. See Functional demands, Mechanical properties at www.ecophon.com.



CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. 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.