Ecophon Solo™ Square

Solo Square is a free hanging unit, offering high level design possibilities. Three different suspension systems offer opportunities to create several layers and angles. Suitable when the room volume should be maintained or when it's not possible to install a wall-to-wall ceiling.



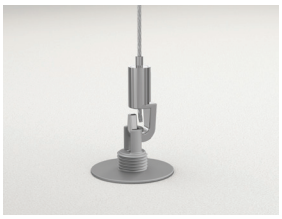
Inpol Papier, Bardo (Dolnośląskie), Poland

SYSTEM RANGE

Size, mm	1200x1200
Special Fixing	•
Thickness (THK)	40
Inst. Diagr.	M402



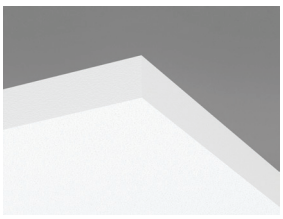
Solo Square



Suspension with Connect Adjustable wire hanger and Connect Absorber



Suspension with Connect Absorber bracket and Connect Absorber anchor

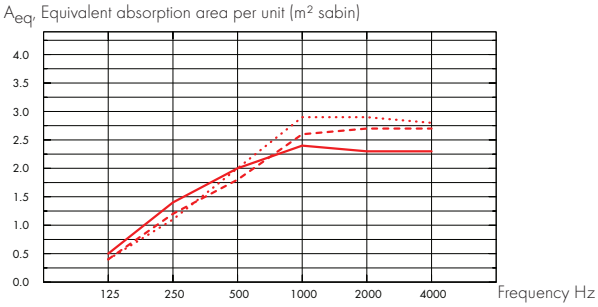


Solo panel

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.



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

THK mm	o.d.s. mm	A_{eq}, Equivalent absorption area per unit (m² sabin)					
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
40	200	0.50	1.40	2.00	2.40	2.30	2.30
40	400	0.40	1.20	1.80	2.60	2.70	2.70
40	1000	0.40	1.10	2.00	2.90	2.90	2.80

Indoor Air Quality

Certificate / Label	
Finnish M1	•
French VOC, A+	•

Environmental Footprint

Solo Square, Kg CO_2 equiv/m²: 8,07

From EPD in conformity with ISO 14025 / EN 15804

Circularity

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 A, relative humidity 70% and 25°C, according to EN 13964:2014

© Ecophon Group

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.

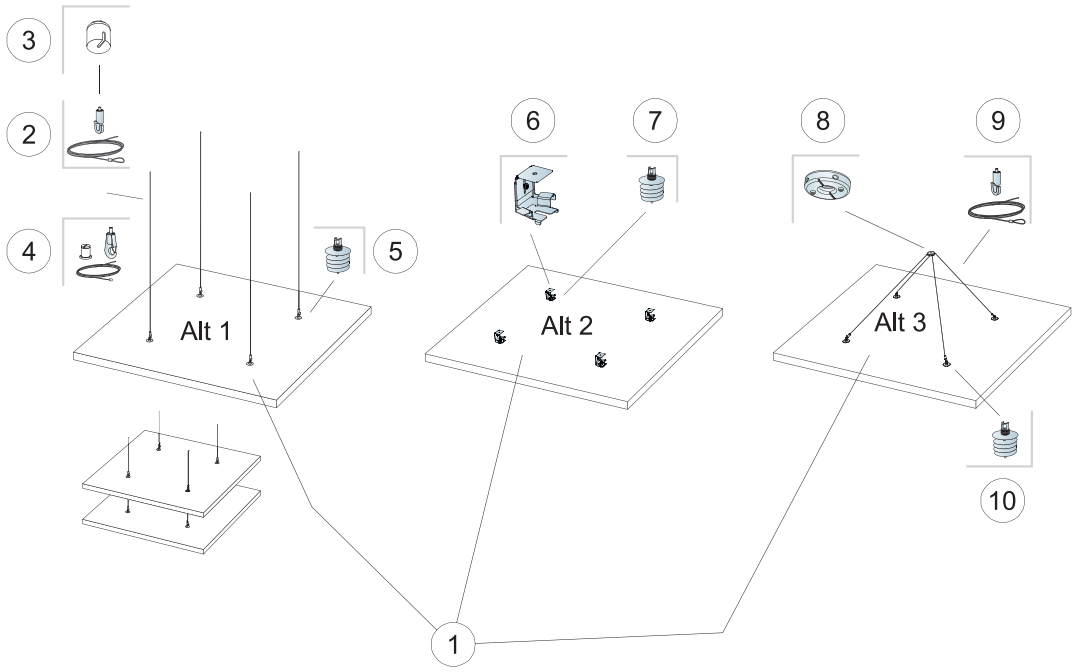
Mechanical properties

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

CE

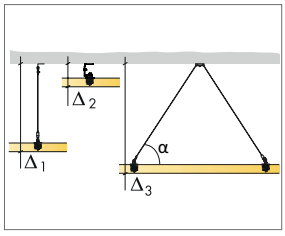
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

INSTALLATION DIAGRAM (M402) FOR ECOPHON SOLO SQUARE

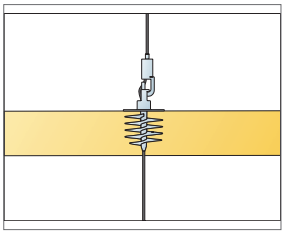


QUANTITY SPECIFICATION (EXCL. WASTAGE)

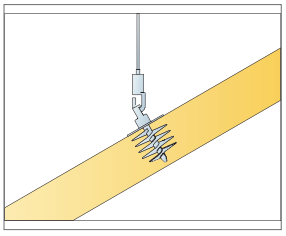
		Size, mm
		1200x1200
1	Solo Square	1,44m²/panel
2	Connect Adjustable wire hanger (Alt 1)	4/panel
3	Connect Covering cup (Alt 1, Optional)	4/panel
4	Connect Adjustable wire kit (Alt 1, Optional)	4/panel
5	Connect Absorber anchor (Alt 1)	4/panel
6	Connect Absorber bracket (Alt 2)	4/panel
7	Connect Absorber anchor (Alt 2)	4/panel
8	Connect One-point fixing (Alt 3)	1/panel
9	Connect Adjustable wire hanger (Alt 3)	2/panel
10	Connect Absorber anchor (Alt 3)	4/panel
	Δ Min. overall depth of system: Δ1 130 mm / Δ2 90 mm / Δ3 500 mm	-



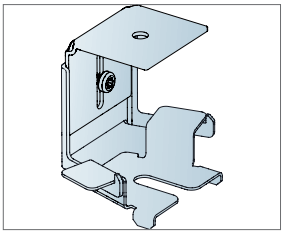
See Quantity specification



Panels can be suspended underneath each other



Panels can be installed in angles up to 60°



Details of Absorber bracket. Overall depth of system between 90-130mm