

### 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.



#### **SYSTEM RANGE**

	Size, mm	1200x1200
	Special Fixing	•
	Thickness (THK)	40
	Inst. Diagr.	M402, M507

© Saint-Gobain Ecophon AB Ecophon Solo™ Square, 2025-01-16







Solo panel



Suspension with Connect Adjustable wire hanger and Connect Absorber



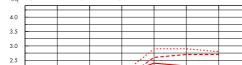
Suspension with Connect Absorber bracket and Connect Absorber anchor

#### 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.



- Equivalent absorption area per unit (m² sabin)
- 2.0 1.5 1.0 0.5
- Frequency Hz

- 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	o.d.s. mm	A <sub>eq</sub> , Equivalent absorption area per unit (m <sup>2</sup> sabin)						
mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	
40	200	0.5	1.4	2.0	2.4	2.3	2.3	
40	400	0.4	1.2	1.8	2.6	2.7	2.7	
40	1000	0.4	1.1	2.0	2.9	2.9	2.8	



### **Indoor Air Quality**









#### 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 CO2 equiv/m²	Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804
Solo Square 9,37		14020 / 114 10004



#### Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified a non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	



#### **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.



#### System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Square	4,6	
Solo Freedom	4,6	•



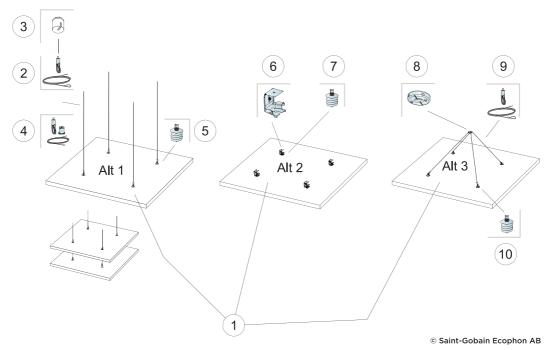
#### **Mechanical properties**

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

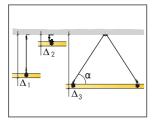


#### CE

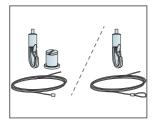
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



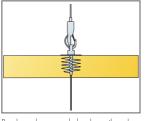
	Size, mm
	1200×1200
Solo Square	1,44m²/panel
Connect Adjustable wire hanger (Alt 1)	4/panel
Connect Covering cup (Alt 1, Optional)	4/panel
Connect Adjustable wire kit (Alt 1, Optional)	4/panel
Connect Absorber anchor (Alt 1)	4/panel
Connect Absorber bracket (Alt 2)	4/panel
Connect Absorber anchor (Alt 2)	4/panel
Connect One-point fixing (Alt 3)	1/panel
Connect Adjustable wire hanger (Alt 3)	2/panel
Connect Absorber anchor (Alt 3)	4/panel
$\Delta$ Min. overall depth of system: $\Delta 1$ 140 mm / $\Delta 2$ 90 mm / $\Delta 3$ 500 mm	
	Connect Adjustable wire hanger (Alt 1)  Connect Covering cup (Alt 1, Optional)  Connect Adjustable wire kit (Alt 1, Optional)  Connect Absorber anchor (Alt 1)  Connect Absorber bracket (Alt 2)  Connect Absorber anchor (Alt 2)  Connect One-point fixing (Alt 3)  Connect Adjustable wire hanger (Alt 3)  Connect Absorber anchor (Alt 3)



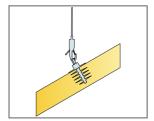
See Quantity specification



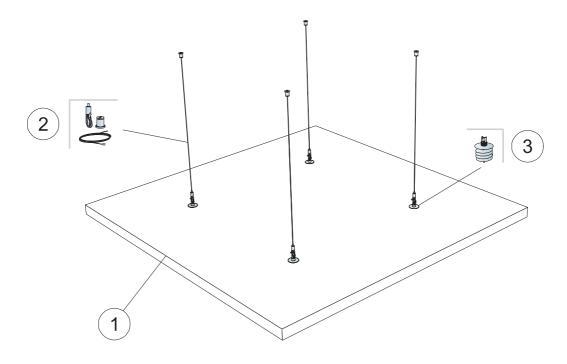
Two types of Adjustable wire solutions



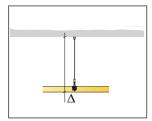
Panels can be suspended underneath each other



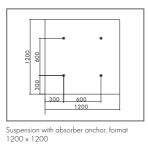
Panels can be installed in angles

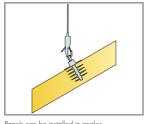


		Size, mm
		1200×1200
l	Solo Square Kit	1,44m²/panel
	Connect Adjustable wire kit (included)	
	Connect Absorber anchor (included)	
	$\Delta$ Min. overall depth of system: $\Delta$ 140 mm	
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	-

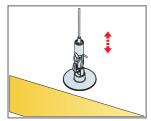


See Quantity specification





Panels can be installed in angles

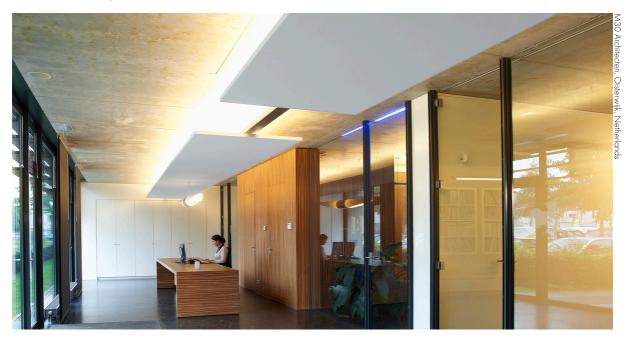


Easily adjustable suspension with Connect Adjustable wire hanger



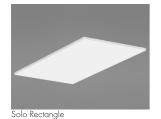
### Ecophon Solo™ Rectangle

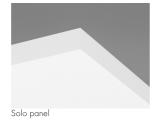
Solo Rectangle is a free hanging unit, offering high level design possibilities. Three different suspension systems offer opportunities to create several layers and angles. Suitable when the room volume should be maintained or when it's not possible to install a wall-to-wall ceiling.



#### **SYSTEM RANGE**

Size, mm	1200x600	1800×1200	2400x600	2400×1200	3000×1200
Special Fixing	•	•	•	•	•
Thickness (THK)	40	40	40	40	40
Inst. Diagr.	M637	M404, M506	M405	M406, M407, M506	M408









Suspension with Connect Absorber bracket and Connect Absorber anchor

#### Acoustic

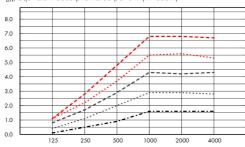


The values in the diagram refer to a single unit. If the units are arranged in a cluster with distances between units less than 0,5 meters, the Aeq per unit will be slightly reduced.

#### **Sound Absorption:**

Test results according to EN ISO 354.

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



- ···· Solo Rectangle 2400x1200, 1000 mm o.d.s.
- --- Solo Rectangle 1800x1200, 1000 mm o.d.s.
- ···· Solo Rectangle 2400x600, 1000 mm o.d.s.
- --- Solo Rectangle 3000x1200, 1000 mm o.d.s.
- -- Solo Rectangle 1200x600, 1000 mm o.d.s.
- o.d.s = overall depth of system

	THK	o.d.s. mm	A <sub>eq</sub> , Equivalent absorption area per unit (m² sabin)						
	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	
2400x1200	40	200	1.3	2.8	3.5	4.1	4.1	3.9	
2400x1200	40	400	1.2	2.4	3.3	4.7	4.9	4.7	
2400x1200	40	1000	1.1	2.2	3.7	5.5	5.6	5.3	
1800x1200	40	200	0.6	2.0	2.9	3.4	3.3	3.1	
1800x1200	40	400	0.8	1.9	2.6	3.7	3.7	3.6	
1800x1200	40	1000	0.8	1. <i>7</i>	2.9	4.3	4.2	4.3	
2400x600	40	200	0.5	1.4	2.0	2.4	2.3	2.3	
2400x600	40	400	0.4	1.2	1.8	2.6	2.7	2.7	
2400x600	40	1000	0.4	1.1	2.0	2.9	2.9	2.8	
3000x1200	40	200	1.1	3.3	4.4	5.1	5.1	5.0	
3000x1200	40	400	1.2	3.0	4.2	5.8	5.8	5.7	
3000x1200	40	1000	1.1	2.8	4.8	6.8	6.8	6.7	
1200x600	40	200	0.1	0.7	1.0	1.3	1.3	1.4	
1200x600	40	400	0.2	0.5	0.9	1.4	1.5	1.6	
1200x600	40	1000	0.1	0.5	0.9	1.6	1.6	1.6	

#### **Indoor Air Quality**

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







#### 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<sup>™</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>™</sup> 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 CO2 equiv/m²		Life-cycle stages A1 to C4 from EPD, in conformity with ISC 14025 / EN 15804
Solo Rectangle	9,12	14020 / 211 10004



#### Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	Horreombosible decording to ETV 130-1102.



#### **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.



#### System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Rectangle	4,7	



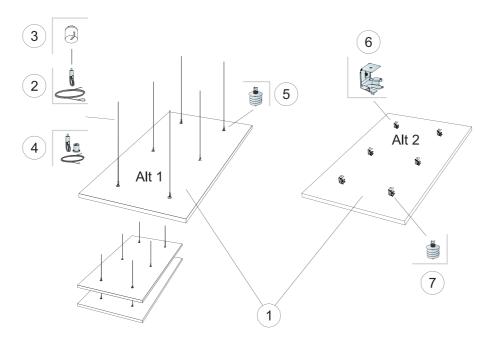
#### **Mechanical properties**

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



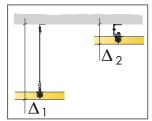
### CE

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.

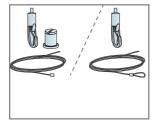


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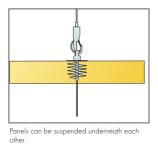
		Size, mm
		1800×1200
1	Solo Rectangle	2,16m²/panel
2	Connect Adjustable wire hanger (Alt 1)	6/panel
3	Connect Covering cup (Alt 1, Optional)	6/panel
4	Connect Adjustable wire kit (Alt 1, Optional)	6/panel
5	Connect Absorber anchor (Alt 1)	6/panel
6	Connect Absorber bracket (Alt 2)	6/panel
7	Connect Absorber anchor (Alt 2)	6/panel
	$\Delta$ Min. overall depth of system: $\Delta 1$ 140 mm / $\Delta 2$ 90 mm	

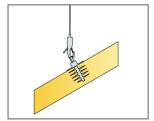




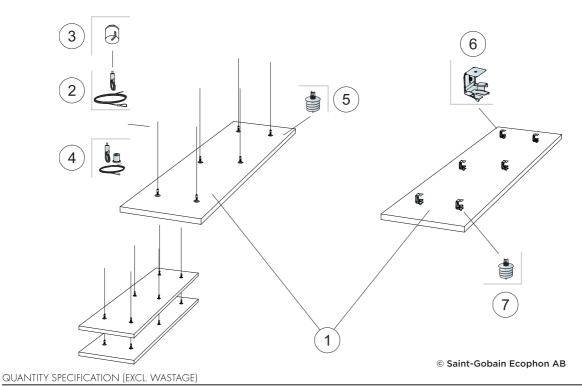


Two types of Adjustable wire solutions

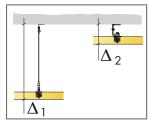




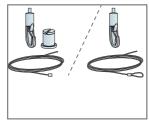
Panels can be installed in angles



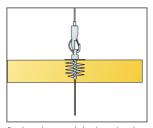
		Size, mm
		2400×600
1	Solo Rectangle	1,44m²/panel
2	Connect Adjustable wire hanger (Alt 1)	6/panel
3	Connect Covering cup (Alt 1, Optional)	6/panel
4	Connect Adjustable wire kit (Alt 1, Optional)	6/panel
5	Connect Absorber anchor (Alt 1)	6/panel
6	Connect Absorber bracket (Alt 2)	6/panel
7	Connect Absorber anchor (Alt 2)	6/panel
	$\Delta$ Min. overall depth of system: $\Delta 1$ 140 mm $/$ $\Delta 2$ 90 mm	



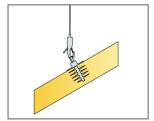




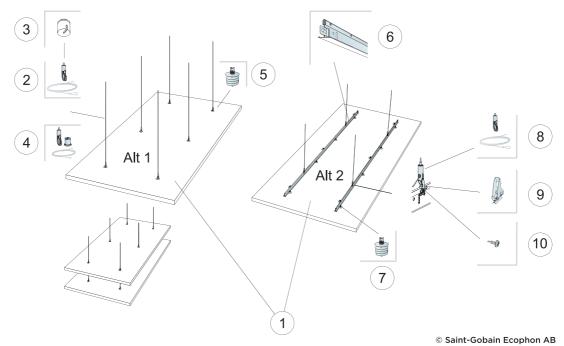
Two types of Adjustable wire solutions



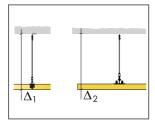
Panels can be suspended underneath each other



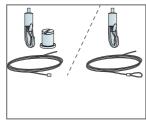
Panels can be installed in angles



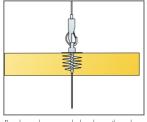
		Size, mm
		2400×1200
1	Solo Rectangle	2,88m²/panel
2	Connect Adjustable wire hanger (Alt 1)	6/panel
3	Connect Covering cup (Alt 1, Optional)	6/panel
4	Connect Adjustable wire kit (Alt 1, Optional)	6/panel
5	Connect Absorber anchor (Alt 1)	6/panel
6	Connect T24 Main runner (Alt 2)	2/panel
7	Connect Absorber anchor (Alt 2)	14/panel
8	Connect Adjustable wire hanger (Alt 2)	4/panel
9	Connect Hanger Clip (Alt 2)	4/panel
10	Connect Installation screw BR (Alt 2)	4/panel
	$\Delta$ Min. overall depth of system: $\Delta 1$ 140 mm / $\Delta 2$ 200 mm	



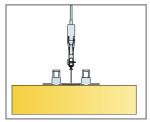




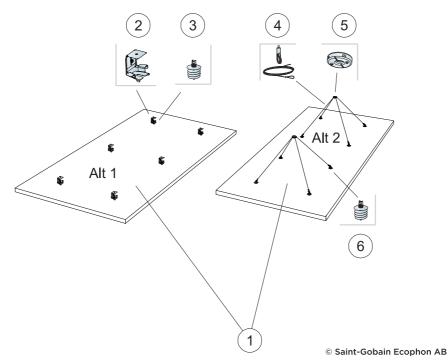
Two types of Adjustable wire solutions



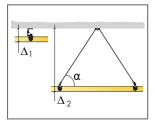
Panels can be suspended underneath each other



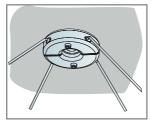
Installation with T24 Main runner



		Size, mm
		2400×1200
1	Solo Rectangle	2,88m²/panel
2	Connect Absorber bracket (Alt 1)	6/panel
3	Connect Absorber anchor (Alt 1)	6/panel
4	Connect Adjustable wire hanger (Alt 2)	4/panel
5	Connect One-point fixing (Alt 2)	2/panel
6	Connect Absorber anchor (Alt 2)	8/panel
	$\Delta$ Min. overall depth of system: $\Delta 1$ 90 mm $/$ $\Delta 2$ 500 mm	



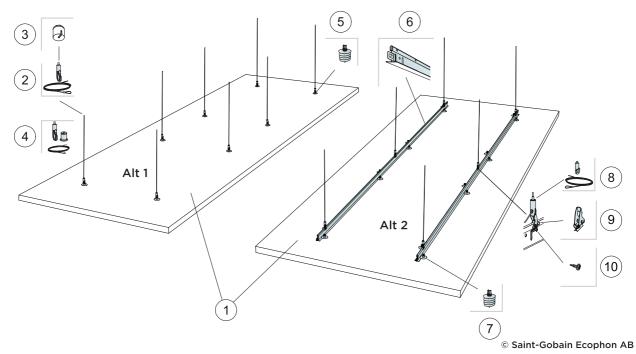
See Quantity specification



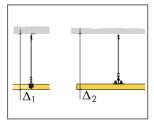
Detail of One-point fixing



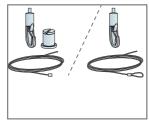
Details of Absorber bracket. Overall depth of system between 90-130mm



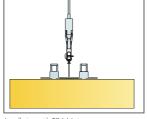
		Size, mm
		3000×1200
1	Solo Rectangle	3,6m²/panel
2	Connect Adjustable wire hanger (Alt 1)	8/panel
3	Connect Covering cup (Alt 1, Optional)	8/panel
4	Connect Adjustable wire kit (Alt 1, Optional)	8/panel
5	Connect Absorber anchor (Alt 1)	8/panel
6	Connect T24 Main runner (Alt 2)	2/panel
7	Connect Absorber anchor (Alt 2)	16/panel
8	Connect Adjustable wire hanger (Alt 2)	6/panel
9	Connect Hanger Clip (Alt 2)	6/panel
10	Connect Installation screw BR (Alt 2)	6/panel
	$\Delta$ Min. overall depth of system: $\Delta 1$ 140 mm $/$ $\Delta 2$ 200 mm	



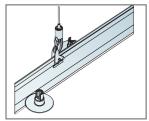




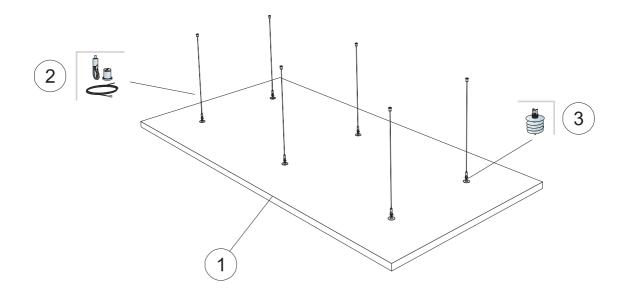
Two types of Adjustable wire solutions



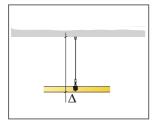
Installation with T24 Main runner



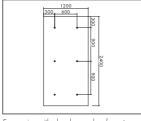
Installation of hanger clips



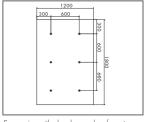
		Size, mm		Size, mm	
		1800×1200	2400×1200		
1	Solo Rectangle Kit	2,16m²/panel	2,88m²/panel		
2	Connect Adjustable wire kit (included)	-			
3	Connect Absorber anchor (included)				
	$\Delta$ Min. overall depth of system: $\Delta$ 140 mm	-	-		
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	-			



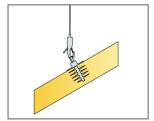
See Quantity specification



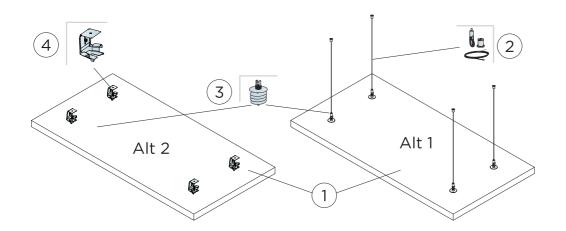
Suspension with absorber anchor, format 2400 x 1200

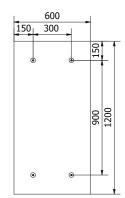


Suspension with absorber anchor, format 1800 x 1200



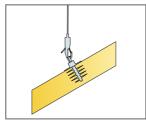
Panels can be installed in angles



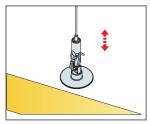


		Size, mm
		1200×600
1	Solo Rectangle	0,72m²/panel
2	Connect Adjustable wire kit (Alt 1)	4/panel
3	Connect Absorber anchor	4/panel
4	Connect Absorber bracket (Alt 2)	4/panel
	$\Delta$ Min. overall depth of system: $\Delta$ 140 mm	-
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	-





Panels can be installed in angles



Easily adjustable suspension with Connect Adjustable wire hanger



## Ecophon Solo™ Circle

Solo Circle 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.



#### SYSTEM RANGE

Size, mm	Ø800	Ø1200
Special Fixing	•	•
Thickness (THK)	40	40
Inst. Diagr.	M411	M410

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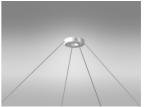




Suspension with Connect Adjustable wire hanger and Connect Absorber anchor



Suspension with Connect Absorber bracket and Connect Absorber anchor



Suspension with One-point fixing

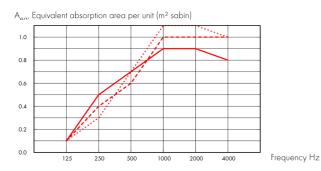
#### Acoustic



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.

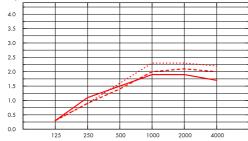
### **Sound Absorption:**

Test results according to EN ISO 354.



- Solo Circle Ø800, 200 mm o.d.s.
- --- Solo Circle Ø800, 400 mm o.d.s.
- ···· Solo Circle Ø800, 1000 mm o.d.s.
- o.d.s = overall depth of system

A<sub>eqr</sub> Equivalent absorption area per unit (m² sabin)



- Solo Circle Ø1200, 200 mm o.d.s.
- --- Solo Circle Ø1200, 400 mm o.d.s.
- ···· Solo Circle Ø1200, 1000 mm o.d.s.
- o.d.s = overall depth of system

2000	4000	Frequency Hz

	THK	o.d.s. mm	A <sub>eq</sub> , Equivalent absorption area per unit (m² sabin)					
	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Ø800	40	200	0.1	0.5	0.7	0.9	0.9	0.8
Ø800	40	400	0.1	0.4	0.6	1.0	1.0	1.0
Ø800	40	1000	0.1	0.3	0.7	1.1	1.1	1.0

	THK			A <sub>eq</sub> , Ed	quivalent absorp	otion area per uni	t (m² sabin)	
	mm	o.d.s. mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Ø1200	40	200	0.3	1.1	1.5	1.9	1.9	1 <i>.7</i>
Ø1200	40	400	0.3	0.9	1.4	2.0	2.1	2.0
Ø1200	40	1000	0.3	0.9	1.6	2.3	2.3	2.2

© Saint-Gobain Ecophon AB Ecophon AB Ecophon Solo™ Circle, 2025-01-16



#### **Indoor Air Quality**

Certificate / Label		OUR AIR (
Eurofins Indoor Air Comfort®	IAC Gold	CHANNED &
French VOC	A+	



#### 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<sup>TM</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>TM</sup> 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 CO2 equiv/m²		Life-cycle stages A1 to C4 from EPD, in conformity with ISo
Solo Circle	10,35	— 14023 / EIV 13004



#### Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	Horredinbushble according to ETV 150 TT02.



#### **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.



### System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Circle	4,6	



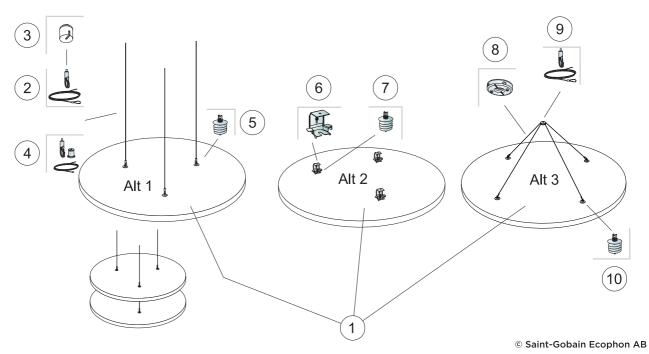
#### **Mechanical properties**

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

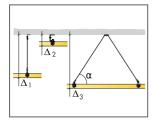


#### CE

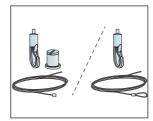
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



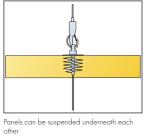
		Size, mm
		Ø1200
1	Solo Circle	1,13m²/panel
2	Connect Adjustable wire hanger (Alt 1)	3/panel
3	Connect Covering cup (Alt 1, Optional)	3/panel
4	Connect Adjustable wire Kit (Alt 1, Optional)	3/panel
5	Connect Absorber anchor (Alt 1)	3/panel
6	Connect Absorber bracket (Alt 2)	3/panel
7	Connect Absorber anchor (Alt 2)	3/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
	$\Delta$ Min. overall depth of system: $\Delta 1$ 140 mm / $\Delta 2$ 90 mm / $\Delta 3$ 500 mm	-

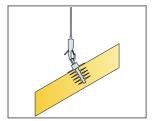


See Quantity specification

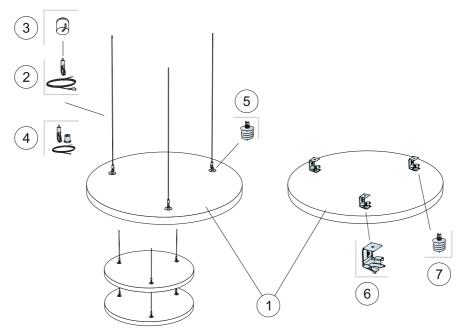


Two types of Adjustable wire solutions



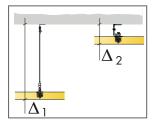


Panels can be installed in angles

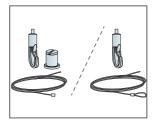


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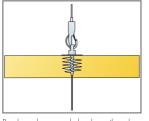
		Size, mm
		Ø800
1	Solo Circle	0,5m²/panel
2	Connect Adjustable wire hanger (Alt 1)	3/panel
3	Connect Covering cup (Alt 1, Optional)	3/panel
4	Connect Adjustable wire Kit (Alt 1, Optional)	3/panel
5	Connect Absorber anchor (Alt 1)	3/panel
6	Connect Absorber bracket (Alt 2)	3/panel
7	Connect Absorber anchor (Alt 2)	3/panel
	$\Delta$ Min. overall depth of system: $\Delta 1$ 140 mm $/$ $\Delta 2$ 90 mm	-



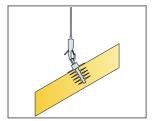




Two types of Adjustable wire solutions



Panels can be suspended underneath each other

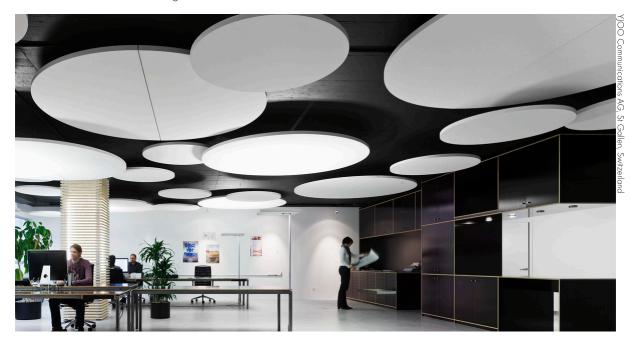


Panels can be installed in angles



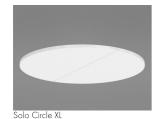
# Ecophon Solo™ Circle XL

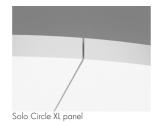
Solo Circle XL is a large free hanging unit with two semicircles, offering a high degree of design possibilities. For applications when it is not possible to install a wall-to-wall ceiling



#### **SYSTEM RANGE**

Size, mm	XL Ø1600
Special Fixing	•
Thickness (THK)	40
Inst. Diagr.	M290









Solo Circle XL installation with Connect Absorber anchor

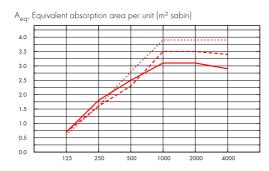
### -\\\\\\\

#### 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.



- Solo Circle XL, 200 mm o.d.s.
- --- Solo Circle XL, 400 mm o.d.s.
- ···· Solo Circle XL, 1000 mm o.d.s.
- o.d.s = overall depth of system

Frequency H	1;
-------------	----

THK	o.d.s. mm	A <sub>eq</sub> , Equivalent absorption area per unit (m² sabin)					
mm	O.G.S. IIIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
40	200	0.7	1.8	2.5	3.1	3.1	2.9
40	400	0.7	1.6	2.3	3.5	3.5	3.4
40	1000	0.6	1.6	2.8	3.9	3.9	3.9



#### **Indoor Air Quality**









#### 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<sup>™</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>™</sup> 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 CO2 equiv/m²		Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804	
Solo Circle	10,35	14023 / EIX 13004	



#### Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



#### Fire safety

Country Fire	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	non-compositore according to 21 the control



#### **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.



#### System weight

	kg/m²	Weight information is indicative and subject to variation	
Solo Circle XL	4,8		



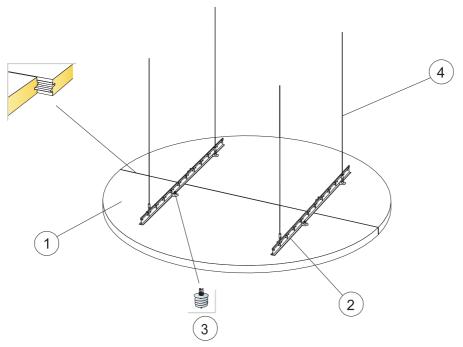
#### **Mechanical properties**

No additional live load is allowed.



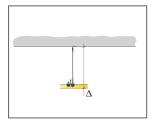
#### CE

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.

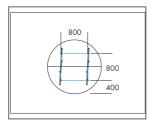


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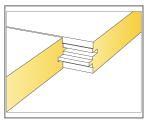
		Size, mm	
		Ø1600	
1	Solo Circle XL	2,01 m²/panel	
2	Connect T24 Main runner	0,60/panel	
3	Connect Absorber anchor	8/panel	
4	Connect Adjustable wire hanger	4/panel	
	$\Delta$ Min. overall depth of system: $\Delta$ 200 mm	-	
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	-	



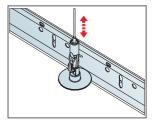
See Quantity specification



Suspension with Connect Adjustable wire hangers and Connect T24 Main runner



Meeting between panels



Easily adjustable suspension with Connect Adjustable wire hanger



## Ecophon Solo Cloud

Solo Cloud 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.



#### **SYSTEM RANGE**



Size, mm	1200x553	2400x1106
Special Fixing	•	•
Thickness (THK)	40	40
Inst. Diagr.	M430	M430

© Saint-Gobain Ecophon AB Ecophon AB Ecophon Salo™ Cloud, 2025-01-16



Acoustic panel Solo Freedom in cloud shape



Suspension with Connect Adjustable wire hanger and Connect Absorber anchor

#### **Acoustic**



For acoustic data on the panel - please see Solo Square and Rectangle.



#### 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<sup>™</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>™</sup> 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 CO2 equiv/m²		Life-cycle stages A1 to C4 from EPD, in conformity with IS 14025 / EN 15804		
Solo 8,41 (Solo Family EPD in conformity with ISO Freedom 14025 / EN 15804)		14023 / LIN 13004		



#### Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified a non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	non-comboshio according to 21 the control.



#### **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.



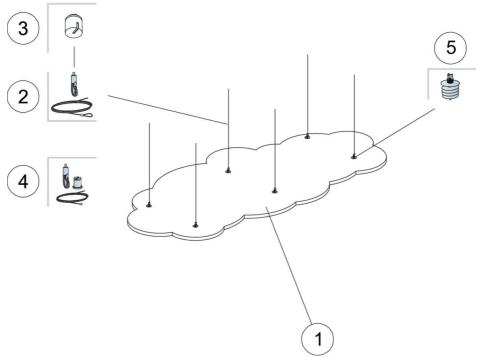
#### **Mechanical properties**

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

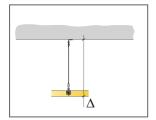


#### CE

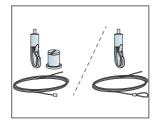
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



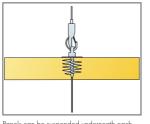
		Size, mm	
		1200×553	2400×1106
1	Solo Freedom	-	-
2	Connect Adjustable wire hanger (Alt 1)	-	
3	Connect Covering cup (Alt 1, Optional)	-	
4	Connect Adjustable wire kit (Optional)	-	
5	Connect Absorber anchor	-	-
	$\Delta$ Min. overall depth of system: 140 mm	-	



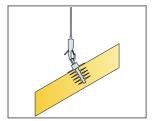




Two types of Adjustable wire solutions



Panels can be suspended underneath each other



Panels can be installed in angles



### Ecophon Solo™ Ellipse

Solo Ellipse 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.



#### **SYSTEM RANGE**



Size, mm	2400x1000
Special Fixing	•
Thickness (THK)	40
Inst. Diagr.	M428

© Saint-Gobain Ecophon AB Ecophon AB Ecophon Solo™ Ellipse, 2025-01-16





Suspension with Connect Adjustable wire hanger and Connect Absorber

#### Acoustic

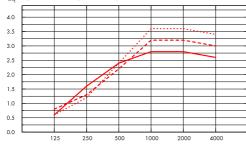


The values in the diagram refer to a single unit. If the units are arranged in a cluster with distances between units less than 0,5 meters, the Aeq per unit will be slightly reduced.

#### **Sound Absorption:**

Based on test results according to EN ISO 354.

Equivalent absorption area per unit (m² sabin)



- --- Solo Ellipse 2400x1000, 400 mm o.d.s.
- Solo Ellipse 2400x1000, 200 mm o.d.s.
- ···· Solo Ellipse 2400x1000, 1000 mm o.d.s.
- o.d.s = overall depth of system

Frequency Hz

THK	o.d.s. mm	A <sub>eq</sub> , Equivalent absorption area per unit (m² sabin)					
mm	O.G.S. IIIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
40	200	0.6	1.6	2.4	2.8	2.8	2.6
40	400	0.8	1.3	2.2	3.2	3.2	3.0
40	1000	0.6	1.2	2.4	3.6	3.6	3.4



#### **Indoor Air Quality**



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







#### 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 CO2 equiv/m²
Solo	8,41 (Solo Family EPD in conformity with ISO
Freedom	14025 / EN 15804)

Life-cycle stages A1 to C4 from EPD, in conformity with ISO  $14025 \ / \ EN \ 15804$ 



#### Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	norreomboshble according to £14130 1102.



#### **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.



#### System weight

kg/m²		Weight information is indicative and subject to variation.		
Solo Ellipse	4,8			



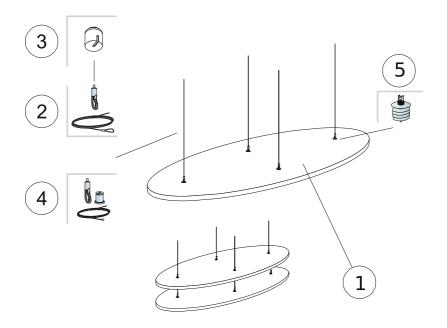
#### **Mechanical properties**

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

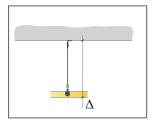


#### CE

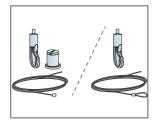
Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



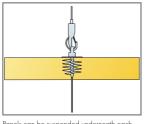
		Size, mm
		2400×1000
1	Solo Ellipse	1,89m²/panel
2	Connect Adjustable wire hanger (Alt 1)	4/panel
3	Connect Covering cup (Alt 1, Optional)	4/panel
ı	Connect Adjustable wire kit (Alt 1, Optional)	4/panel
5	Connect Absorber anchor (Alt 1)	4/panel
	Δ Min. overall depth of system: 140 mm	
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	-



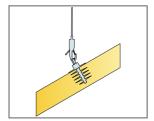




Two types of Adjustable wire solutions



Panels can be suspended underneath each other

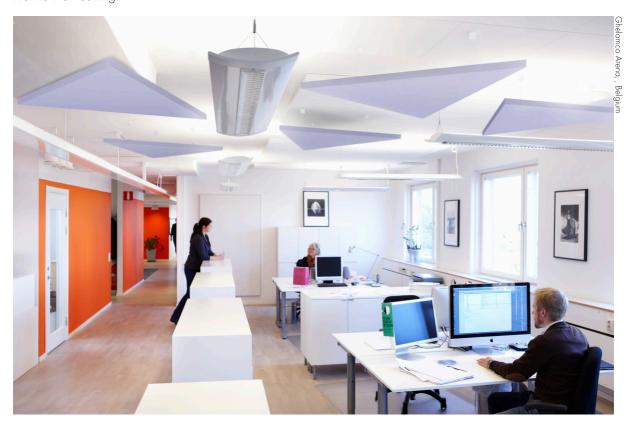


Panels can be installed in angles



### Ecophon Solo™ Triangle

Solo Triangle 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.



#### **SYSTEM RANGE**



© Saint-Gobain Ecophon AB Ecophon Solo™ Triangle, 2025-01-16





Suspension with Connect Adjustable wire hanger and Connect Absorber

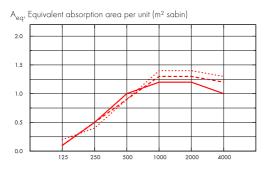
#### Acoustic



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:**

Based on test results according to EN ISO 354.



- Solo Triangle 1039x1200, 200 mm o.d.s.
- --- Solo Triangle 1039x1200, 400 mm o.d.s.
- ···· Solo Triangle 1039x1200, 1000 mm o.d.s.
- o.d.s = overall depth of system

Frequency Hz

THK	o.d.s. mm	A <sub>eq</sub> , Equivalent absorption area per unit (m² sabin)					
mm	O.G.S. IIIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
40	200	0.1	0.5	1.0	1.2	1.2	1.0
40	400	0.1	0.5	0.9	1.3	1.3	1.2
40	1000	0.2	0.4	0.9	1.4	1.4	1.3



#### **Indoor Air Quality**



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







#### Cradle to Cradle Certified®



This product is Cradle to Cradle Certified 8 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 CO2 equiv/m²		Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804
Solo Freedom	8,41 (Solo Family EPD in conformity with ISO 14025 / EN 15804)	14023 / EIV 13004



#### Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	norreomboshble according to £14130-1102.



#### **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.



# System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Triangle	4,7	



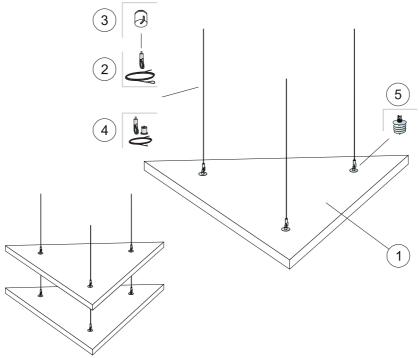
#### **Mechanical properties**

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

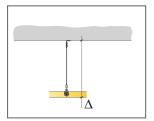


# CE

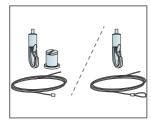
Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



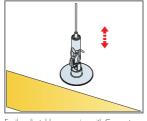
		Size, mm	
		1039×1200	
1	Solo Triangle	0,62m²/panel	
2	Connect Adjustable wire hanger	3/panel	
3	Connect Covering cup (Optional)	3/panel	
4	Connect Adjustable wire Kit (Alt 1, Optional)	3/panel	
5	Connect Absorber anchor	3/panel	
	$\Delta$ Min. overall depth of system: 140 mm	-	
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	-	



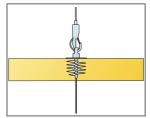




Two types of Adjustable wire solutions



Easily adjustable suspension with Connect Adjustable wire hanger



Panels can be suspended underneath each other



# Ecophon Solo™ Pentagon

Solo Pentagon 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.



#### **SYSTEM RANGE**

Size, mm	1139x1198
Special Fixing	•
Thickness (THK)	40
Inst. Diagr.	M427



Acoustic panel Solo Freedom in cloud shape



Suspension with Connect Adjustable wire hanger and Connect Absorber anchor

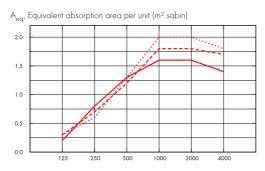
#### Acoustic



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:**

Based on test results according to EN ISO 354.



- Solo Pentagon 1139x1198, 200 mm o.d.s.
- --- Solo Pentagon 1139x1198, 400 mm o.d.s.
- $\cdots$  Solo Pentagon 1139x1198, 1000 mm o.d.s.
- o.d.s = overall depth of system

Frequency Hz

THK	o.d.s. mm	A <sub>eq</sub> Equivalent absorption area per unit (m² sabin)					
mm	0.d.s. IIIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
40	200	0.2	0.8	1.3	1.6	1.6	1.4
40	400	0.3	0.7	1.2	1.8	1.8	1.7
40	1000	0.3	0.6	1.3	2.0	2.0	1.8

# **Indoor Air Quality**



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







# 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 $^{TM}$  at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate $^{TM}$  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 CO2 equiv/m²
Solo	8,41 (Solo Family EPD in conformity with ISO
Freedom	14025 / EN 15804)

Life-cycle stages A1 to C4 from EPD, in conformity with ISO  $14025 \ / \ EN \ 15804$ 



#### Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	Horrecombustible according to £14130-1102.



#### **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.



# System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Pentagon	4,7	



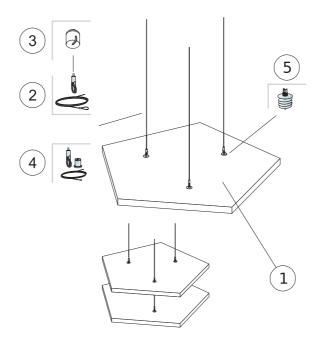
#### **Mechanical properties**

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

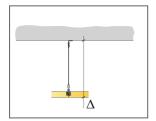


# CE

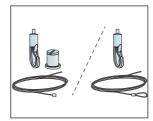
Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



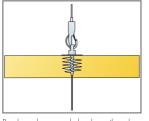
		Size, mm
		1139×1198
l	Solo Pentagon	0,94m²/panel
2	Connect Adjustable wire hanger (Alt 1)	3/panel
	Connect Covering cup (Alt 1, Optional)	3/panel
	Connect Adjustable wire Kit (Alt 1, Optional)	3/panel
5	Connect Absorber anchor (Alt 1)	3/panel
	$\Delta$ Min. overall depth of system: 140 mm	
П	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	-



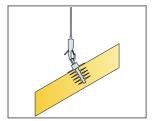
See Quantity specification



Two types of Adjustable wire solutions



Panels can be suspended underneath each other



Panels can be installed in angles



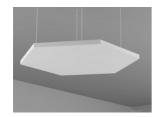
# Ecophon Solo™ Hexagon

Solo Hexagon 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.



# **SYSTEM RANGE**

$\bigcirc$	Size, mm	1040x1200
	Special Fixing	•
	Thickness (THK)	40
	Inst. Diagr.	M426





Suspension with Connect Adjustable wire hanger and Connect Absorber

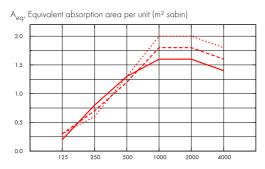
#### Acoustic



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:**

Based on test results according to EN ISO 354.



- Solo Hexagon 1040x1200, 200 mm o.d.s.
- --- Solo Hexagon 1040x1200, 400 mm o.d.s.
- .... Solo Hexagon 1040x1200, 1000 mm o.d.s. o.d.s = overall depth of system

Frequency	+	łz
-----------	---	----

THK	o.d.s. mm	$A_{eq'}$ Equivalent absorption area per unit ( $m^2$ sabin)				n² sabin)	
mm	O.G.S. IIIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
40	200	0.2	0.8	1.3	1.6	1.6	1.4
40	400	0.3	0.7	1.2	1.8	1.8	1.6
40	1000	0.3	0.6	1.3	2.0	2.0	1.8



# **Indoor Air Quality**



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







# Cradle to Cradle Certified®



This product is Cradle to Cradle Certified 8 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 CO2 equiv/m²			
Solo	8,41 (Solo Family EPD in conformity with ISO		
Freedom	14025 / EN 15804)		

Life-cycle stages A1 to C4 from EPD, in conformity with ISO  $14025 \ / \ EN \ 15804$ 



#### Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified non-combustible according to EN ISO 1182.	
Europe	EN 13501-1	A2-s1,d0	norreomboshble according to £14130-1102.	



#### **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.



# System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Hexagon	4,7	



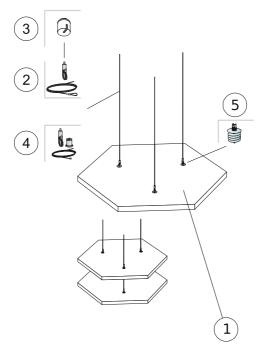
#### **Mechanical properties**

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

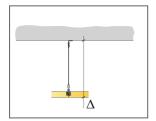


# CE

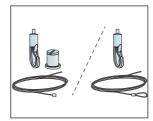
Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



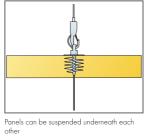
		Size, mm
		1040×1200
1	Solo Hexagon	0,94m²/panel
2	Connect Adjustable wire hanger (Alt 1)	3/panel
3	Connect Covering cup (Alt 1, Optional)	3/panel
1	Connect Adjustable wire Kit (Alt 1, Optional)	3/panel
5	Connect Absorber anchor (Alt 1)	3/panel
	$\Delta$ Min. overall depth of system: 140 mm	-
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	-

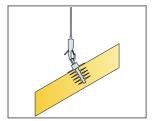


See Quantity specification



Two types of Adjustable wire solutions





Panels can be installed in angles



# 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.



#### **SYSTEM RANGE**

Size, mm	1200x1200
Special Fixing	•
Thickness (THK)	40
Inst. Diagr.	M403



Solo panel



Suspension with Connect Adjustable wire hanger and Connect Absorber anchor



Suspension with Connect Absorber bracket and Connect Absorber anchor

#### Acoustic

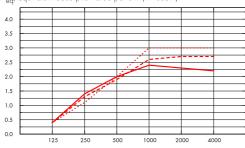


The values in the diagram refer to a single unit. If the units are arranged in a cluster with distances between units less than 0,5 meters, the Aeq per unit will be slightly reduced.

# **Sound Absorption:**

Test results according to EN ISO 354.

 $A_{\rm eqr}$  Equivalent absorption area per unit (m $^2$  sabin)



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

Frequency Hz

THK	o.d.s. mm		A <sub>eq′</sub>	Equivalent absor	ption area per unit (	m² sabin)	
mm	0.0.3. 111111	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**











# 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<sup>™</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>™</sup> 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 CO2 equiv/m <sup>2</sup> : 5,21 From EPD in conformity with ISO 14025 / EN 15804
Solo Lite	7.24	Thom Er D in comonning with 100 14020 / Er v 10004



# Circularity

Minimum post-consumer recycled content	64%
Recyclability	Fully recyclable



### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	non-composible according to 214130-1102.



# 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.



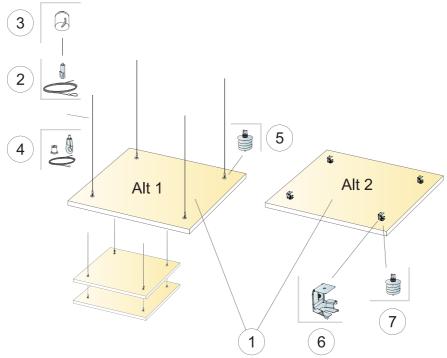
# **Mechanical properties**

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

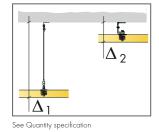


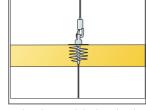
# CE

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.

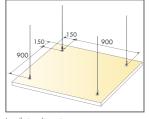


		Size, mm
		1200×1200
1	Solo Lite Square	1,44m²/panel
2	Connect Adjustable wire hanger (Alt 1)	4/panel
3	Connect Covering cup (Alt 1, Optional)	4/panel
4	Connect Adjustable wire kit (Alt 1, Optional)	4/panel
5	Connect Absorber anchor (Alt 1)	4/panel
6	Connect Absorber bracket (Alt 2)	4/panel
7	Connect Absorber anchor (Alt 2)	4/panel
	$\Delta$ Min. overall depth of system: $\Delta 1$ 130 mm / $\Delta 2$ 90 mm	

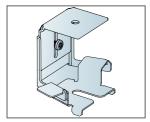








Installation dimensions

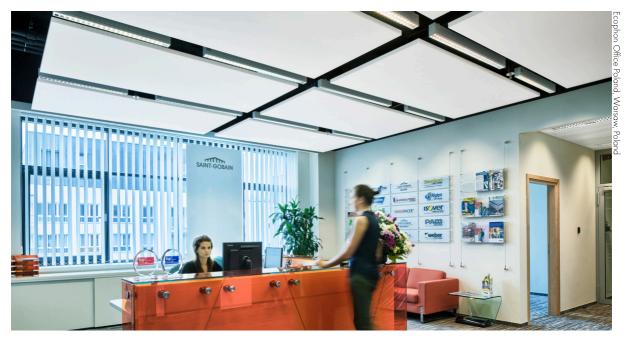


Details of Absorber bracket. Overall depth of system between 90-130mm



# Ecophon Solo™ Lite Rectangle

Ecophon Solo™ Lite Rectangle 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.



#### **SYSTEM RANGE**

Size, mm	2400x1200
Special Fixing	•
Thickness (THK)	40
Inst. Diagr.	M409



Solo panel



Suspension with Connect Adjustable wire hanger and Connect Absorber anchor



Suspension with Connect Absorber bracket and Connect Absorber anchor

#### Acoustic

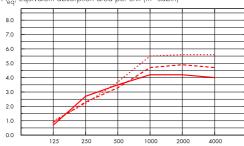


The values in the diagram refer to a single unit. If the units are arranged in a cluster with distances between units less than 0,5 meters, the Aeq per unit will be slightly reduced.

# **Sound Absorption:**

Test results according to EN ISO 354.

 $A_{\rm eq'}$  Equivalent absorption area per unit (m $^2$  sabin)



- Solo Lite Rectangle PAE 2400x1200, 200 mm o.d.s.
- --- Solo Lite Rectangle PAE 2400x1200, 400 mm
- ···· Solo Lite Rectangle PAE 2400x1200, 1000 mm
- o.d.s = overall depth of system

Frequency Hz

	THK	o d s mm	$A_{eq}$ , Equivalent absorption area per unit (m $^2$ sabin)					
	mm	o.d.s. mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
2400x1200	40	200	0.7	2.7	3.5	4.2	4.2	4.0
2400x1200	40	400	0.9	2.3	3.3	4.7	4.9	4.7
2400x1200	40	1000	1.0	2.2	3.7	5.5	5.6	5.6

# **Indoor Air Quality**



Certificate / Label	
Eurofins Indoor Air Comfort®	IAC
French VOC	А
Finnish M1	•









# Cradle to Cradle Certified®



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



# **Carbon footprint**

kg CO2 equiv/m²		Kg CO <sub>2</sub> equiv/m <sup>2</sup> : 5,21 From EPD in conformity with ISO 14025 / EN 15804
Solo Lite	7,24	— Holli El D III comonility wiiii 130 14023 / El v 13004



#### **Material Health**



This product has received a C2C Certified Material Health Certificate<sup>™</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>™</sup> 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	64%
Recyclability	Fully recyclable



#### Fire safety

Country		Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s 1 , d0	Thorreombusible according to £14150 1162.



#### **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.



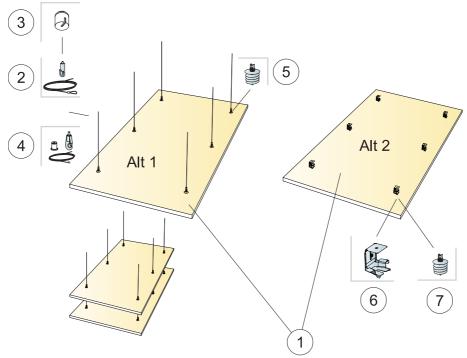
# **Mechanical properties**

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

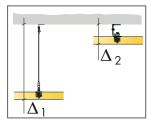


# CE

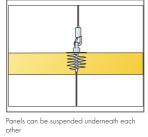
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

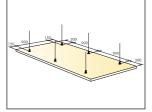


		Size, mm
		2400×1200
1	Solo Lite Rectangle	2,88m²/panel
2	Connect Adjustable wire hanger (Alt 1)	6/panel
3	Connect Covering cup (Alt 1, Optional)	6/panel
4	Connect Adjustable wire kit (Alt 1, Optional)	6/panel
5	Connect Absorber anchor (Alt 1)	6/panel
6	Connect Absorber bracket (Alt 2)	6/panel
7	Connect Absorber anchor (Alt 2)	6/panel
	$\Delta$ Min. overall depth of system: $\Delta 1$ 130 mm $/$ $\Delta 2$ 90 mm	-

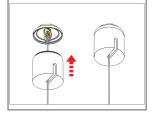








Installation dimensions

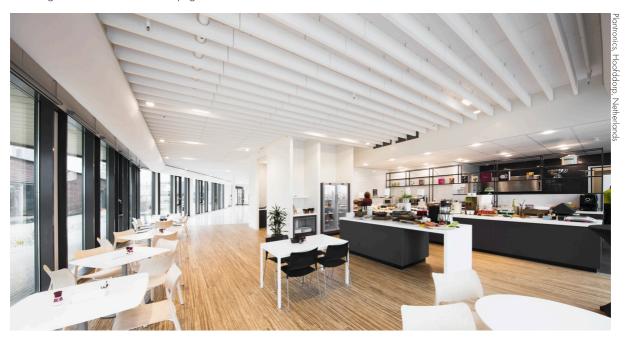


Installation of Connect Covering cup



# Ecophon Solo™ Baffle

Solo Baffle is vertically installed unframed baffles. Solo Baffle can be used to form distinct lines and is available in different sizes and a wide range of colours. Baffles are used primarily when natural light is brought into the room via skylight.



# **SYSTEM RANGE**

Size, mm	1200x200	1200×300	1200x600	1800×200	1800×300	1800x600
Special Fixing		•	•	•	•	•
Thickness (THK)	40	40	40	40	40	40
Inst. Diagr.	M414, M491, M563, M580					

© Saint-Gobain Ecophon AB Ecophon AB Ecophon Solo™ Baffle, 2025-02-07









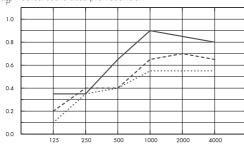
Acoustic



# **Sound Absorption:**

Test results according to EN ISO 354:2003 NOTE: Results shown are not comparable with results according to older versions of this standard due to discrepancies in test method. 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.

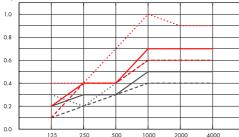
 $lpha_{_{D'}}$  Practical sound absorption coefficient



- ····Solo Baffle 1200/1800x200, spacing 600mm, direct mounting
- --- Solo Baffle 1200/1800x300, spacing 600mm, direct mounting
- Solo Baffle 1200/1800x600, spacing 600mm, direct mounting
- o.d.s = overall depth of system

Frequency Hz





--- Solo Baffle 1200x200

Solo Baffle 1200x300

···· Solo Baffle 1200x600

--- Solo Baffle 1800x200

- Solo Baffle 1800x300

.... Solo Baffle 1800x600

o.d.s = overall depth of system

oo Frequency Hz

	THK	a d a mm	$lpha_{ m p}$ , Practical sound absorption coefficient							
	mm	o.d.s. mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_{\scriptscriptstyle{\sf W}}$	
c600	40	200	0.10	0.35	0.40	0.55	0.55	0.55	0.50	
c600	40	300	0.20	0.40	0.40	0.65	0.70	0.65	0.50	
c600	40	600	0.35	0.35	0.65	0.90	0.85	0.80	0.65	

	THK	o.d.s. mm	HK ods.mm A <sub>eq</sub> , Equivalent absorption area per unit (m² sabin)						
	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	
1200x200 c600	40	200	0.1	0.2	0.3	0.4	0.4	0.4	
1200x300 c600	40	300	0.2	0.3	0.3	0.5	0.5	0.5	
1200x600 c600	40	600	0.3	0.2	0.4	0.6	0.6	0.6	
1800x200 c600	40	200	0.1	0.4	0.4	0.6	0.6	0.6	
1800x300 c600	40	300	0.2	0.4	0.4	0.7	0.7	0.7	
1800x600 c600	40	600	0.4	0.4	0.7	1.0	0.9	0.9	

© Saint-Gobain Ecophon AB Ecophon Solo™ Baffle, 2025-02-07

	THK mm	o.d.s. mm	NRC	SAA
c200	40	200	0.65	0.65
c400	40	200	0.50	0.51
c600	40	200	0.45	0.43
c800	40	200	0.40	0.37
c200	40	300	0.70	0.71
c400	40	300	0.60	0.61
с600	40	300	0.55	0.53
c800	40	300	0.45	0.46
c200	40	600	0.80	0.82
c400	40	600	0.75	0.74
c600	40	600	0.70	0.67
c800	40	600	0.60	0.60



# **Indoor Air Quality**









#### 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 $^{TM}$  at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate $^{TM}$  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 CO2 equiv/m²	Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804
Solo Baffle & Solo Baffle Wall	10,11	- 14023 / LIN 13004



# Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



# Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	non composible decorating to ETTIOO TTO2.



# **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.



# System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Baffle	4,6	



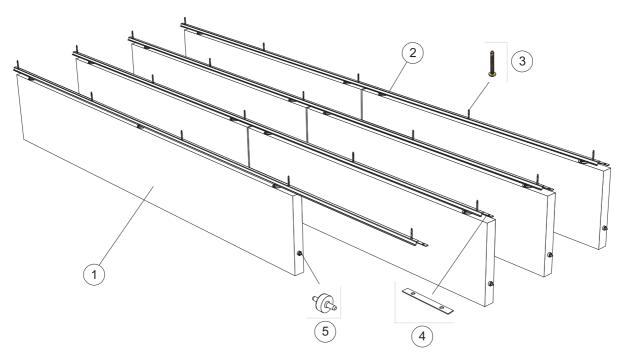
# **Mechanical properties**

Additional live load has to be fixed to the soffit.



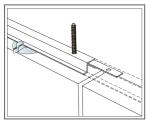
# CE

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.

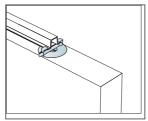


© Saint-Gobain Ecophon AB

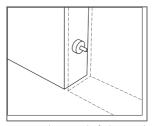
	Size, mm								
	1200×200	1200×300	1200×600	1800×200	1800×300	1800×600			
Solo Baffle/anchor, installed at 300 mm centres	2,8/m²	2,8/m²	2,8/m²	1,9/m²	1,9/m²	1,9/m²			
2 Connect Baffle profile, installed at 300 mm centres	3,3m/m²	3,3m/m²	3,3m/m²	3,3m/m²	3,3m/m²	3,3m/m²			
3 Connect Anchor screw, fixed at 1200 mm centres	2,8/m²	2,8/m²	2,8/m²	2,8/m²	2,8/m²	2,8/m²			
Connect Profile connector, installed at 2400 mm centres	1,4/m²	1,4/m²	1,4/m²	1,4/m²	1,4/m²	1,4/m²			
5 Connect Guiding pin, installed at 1200/1800 mm centres	2,8/m²	2,8/m²	2,8/m²	1,9/m²	1,9/m²	1,9/m²			



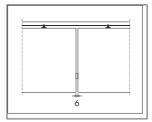
Fixing of Connect Profile connector



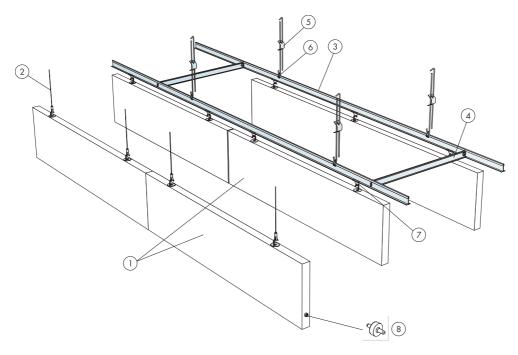
The baffles are secured with clips



Connect Guiding pin, used to fix distance and level between panels

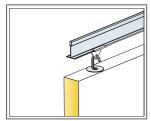


Distinct gap of 6 mm between baffles with Connect Guiding pin

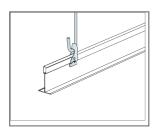


© Saint-Gobain Ecophon AB

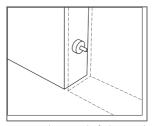
	Size, mm								
	1200×200	1200×300	1200×600	1800×200	1800×300	1800×600			
Solo Baffle/hook, installed at 600 mm centres	1,4/m²	1,4/m²	1,4/m²	0,9/m²	0,9/m²	0,9/m²			
Connect Adjustable wire hanger (Alt 1)	2/panel	2/panel	2/panel	3/panel	3/panel	3/panel			
Connect T24 Main runner, installed at 600 mm centres (Alt 2)	1,7m/m²	1,7m/m²	1,7m/m²	1,7m/m²	1,7m/m²	1,7m/m²			
Connect T24 Cross tee, L=600 mm, installed at 1800 mm centres (Alt 2)	0,6m/m²	0,6m/m²	0,6m/m²	0,6m/m²	0,6m/m²	0,6m/m²			
Connect Adjustable hanger (Alt 2) c1200	1,4/m²	1,4/m²	1,4/m²	1,4/m²	1,4/m²	1,4/m²			
Connect Hanger clip (Alt 2)	1,4/m²	1,4/m²	1,4/m²	1,4/m²	1,4/m²	1,4/m²			
Connect Baffle clip (Alt 2)	2,8/m²	2,8/m²	2,8/m²	2,8/m²	2,8/m²	2,8/m²			
Connect Guiding Pin, installed at 1200/1800 mm centres	2,8/m²	2,8/m²	2,8/m²	0,9/m²	0,9/m²	0,9/m²			



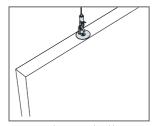
Detail of suspension



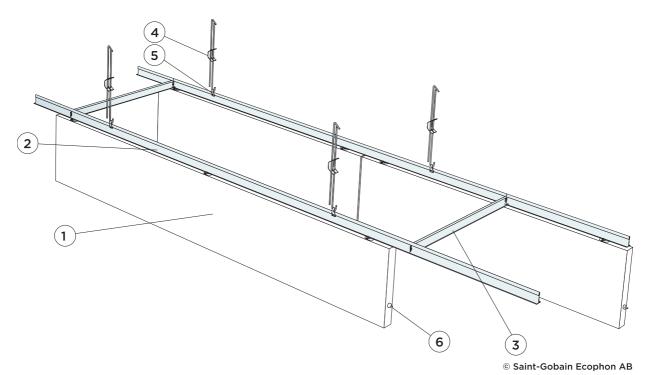
Suspension with adjustable hanger and clip



Connect Guiding pin, used to fix distance and level between panels

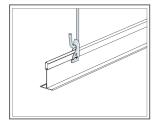


Suspension with Connect Adjustable wire hanger

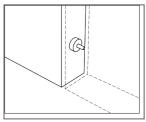


QUANTITY SPECIFICATION (EXCL. WASTAGE)

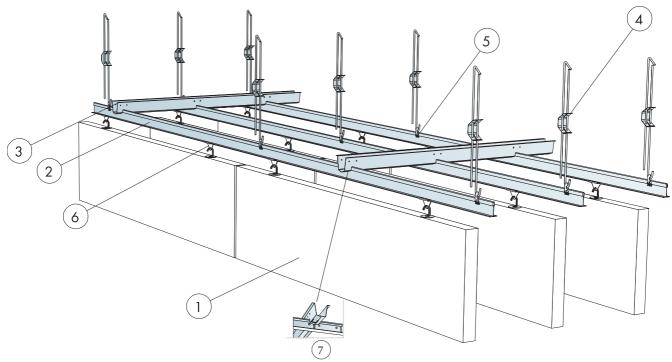
	Size, mm							
	1200×200	1200×300	1200×600	1800×200	1800×300	1800×600		
Solo Baffle/anchor, installed at 600 mm centres	1,4/m²	1,4/m²	1,4/m²	0,9/m²	0,9/m²	0,9/m²		
Connect T24 Main runner, installed at 600 mm centres (Alt 2)	1,7m/m²	1,7m/m²	1,7m/m²	1,7m/m²	1,7m/m²	1,7m/m²		
Connect T24 Cross tee, L=600 mm, installed at 1800 mm centres (Alt 2)	0,6m/m²	0,6m/m²	0,6m/m²	0,6m/m²	0,6m/m²	0,6m/m²		
Connect Adjustable hanger (Alt 2) c1200	1,4/m²	1,4/m²	1,4/m²	1,4/m²	1,4/m²	1,4/m²		
Connect Hanger Clip (Alt 1), not to be used in swimming hall environments	-	-	0,7/m²	-	-	-		
Connect Guiding Pin, installed at 1200/1800 mm centres	2,8/m²	2,8/m²	2,8/m²	0,9/m²	0,9/m²	0,9/m²		



Suspension with adjustable hanger and clip



Connect Guiding pin, used to fix distance and level between panels



	Size, mm					
	1200×200	1200×300	1200×600	1800×200	1800×300	1800×600
Solo Baffle/hook, installed at 600 mm centres	1,4/m²	1,4/m²	1,4/m²	1,9/m²	1,9/m²	1,9/m²
Connect T24 Main runner HD (Black, Grey) / PL(White Only), installed at 600 mm centres	-	-	-	-	-	1,7m/m²
3 Connect Space bar	-	-	as required	-	-	as required
Connect Adjustable hanger (Alt 2) c1200	1,4/m²	1,4/m²	1,4/m²	1,4/m²	1,4/m²	1,4/m²
Connect Hanger Clip (Alt 1), not to be used in swimming hall environments	-	-	0,7/m²	-	-	-
Connect Baffle clip (Alt 2)	2,8/m²	2,8/m²	2,8/m²	2,8/m²	2,8/m²	2,8/m²
Connect Space bar winch, installed one per joint Main runner/Space bar	-	-	1,1/m²	-	- 1,4/m² -	1,1/m²
	-	-	-	-	-	-

© Saint-Gobain Ecophon AB Ecophon Solo™ Baffle, 2025-02-07



# Ecophon Solo<sup>TM</sup> Baffle Wave

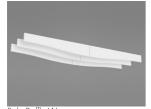
Solo Baffle Wave is vertically installed unframed baffles. The wave-shaped baffle gives the room a special design and possibility to express design in shape and colour. Baffles are used primarily when natural light is brought into the room via skylight.



# **SYSTEM RANGE**



Size, mm	1800×300	1800x600
Special Fixing	•	•
Thickness (THK)	40	40
Inst. Diagr.	M495, M419	M495, M419









Solo Baffle Wave

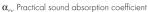
Solo Baffle Wave/anchor installation

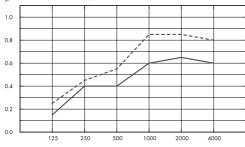
**Acoustic** 



# **Sound Absorption:**

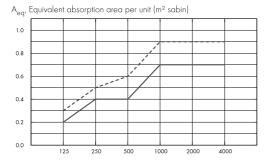
Test results according to EN ISO 354:2003 NOTE: Results shown are not comparable with results according to older versions of this standard due to discrepancies in test method. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.





- Solo Baffle Wave 1800x300/200, spacing 600, direct mounting
- --- Solo Baffle Wave 1800x600/300, spacing 600, direct mounting
- o.d.s = overall depth of system

Frequency



- Solo Baffle Wave 1800x300/200
- --- Solo Baffle Wave 1800x600/300
- o.d.s = overall depth of system

Frequency Hz

	THK	a d a mm		$\alpha_{ m p}$	, Practical sour	nd absorption co	efficient		α
	mm	o.d.s. mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_{_{ m W}}$
c600	40	300	0.15	0.40	0.40	0.60	0.65	0.60	0.50
с600	40	600	0.25	0.45	0.55	0.85	0.85	0.80	0.65

TI IIX					quivalent absorption area per unit (m² sabin)			
	mm	o.d.s. mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
c600	40	300	0.2	0.4	0.4	0.7	0.7	0.7
с600	40	600	0.3	0.5	0.6	0.9	0.9	0.9

	THK mm	o.d.s. mm	NRC	SAA
с600	40	300	0.50	0.52
c600	40	600	0.70	0.68



# **Indoor Air Quality**

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







# 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<sup>TM</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>TM</sup> 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 CO2 equiv/m²		Life-cycle stages A1 to C4 from EPD, in conformity with ISC 14025 / EN 15804	
Solo Baffle Wave	11,07	— 14023 / ETV 13004	



# Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



# Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	Horred House decording to ETV 150 1 102.



#### **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.



# System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Baffle	4,6	



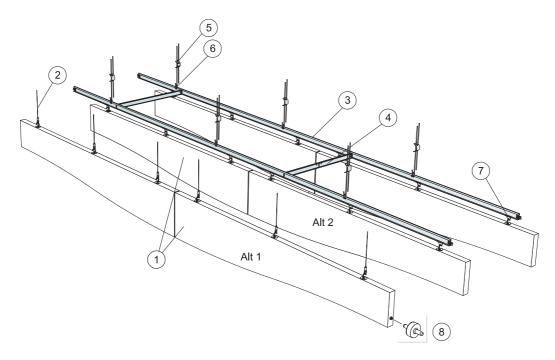
# **Mechanical properties**

Additional live load has to be fixed to the soffit.



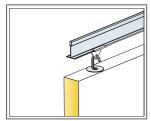
# CE

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.

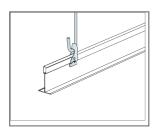


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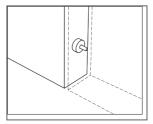
		Size, mm	
		1800×300	1800×600
1	Solo Baffle Wave/hook, installed at 600 mm centres	0,9/m²	0,9/m²
2	Connect Adjustable wire hanger (Alt 1)	3/panel	3/panel
3	Connect T24 Main runner, installed at 600 mm centres [Alt 2]	1,7m/m²	1,7m/m²
4	Connect T24 Cross tee, L=600 mm, installed at 1800 mm centres (Alt 2)	0,6m/m <sup>2</sup>	0,6m/m <sup>2</sup>
5	Connect Adjustable hanger (Alt 2) c1 200	1,4/m²	1,4/m²
6	Connect Hanger clip [Alt 2]	1,4/m²	1,4/m²
7	Connect Baffle clip (Alt 2)	2,8/m²	2,8/m²
8	Connect Guiding pin, installed at 1800 mm centres	0,9/m²	0,9/m²



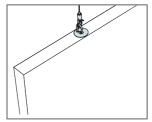
Detail of suspension



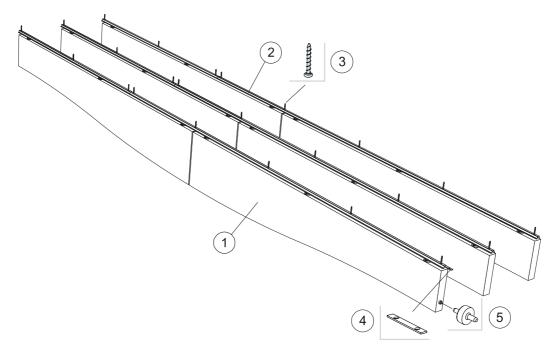
Suspension with adjustable hanger and clip



Connect Guiding pin, used to fix distance and level between panels

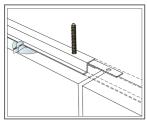


Suspension with Connect Adjustable wire hanger

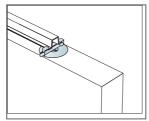


#### © Saint-Gobain Ecophon AB

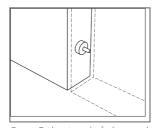
		Size, mm	Size, mm	
		1800×300	1800×600	
1	Solo Baffle Wave/anchor, installed at 300 mm centres	1,9/m²	1,9/m²	
2	Connect Baffle profile, installed at 300 mm centres	3,3m/m²	3,3m/m²	
3	Connect Anchor screw, fixed at 1 200 mm centres	2,8/m²	2,8/m²	
4	Connect Profile connector, installed at 2400 mm centres	1,4/m²	1,4/m²	
5	Connect Guiding pin, installed at 1800 mm centres	1,9/m²	1,9/m²	



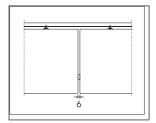
Fixing of Connect Profile connector



The baffles are secured with clips



Connect Guiding pin, used to fix distance and level between panels



Distinct gap of 6 mm between baffles with Connect Guiding pin



# Ecophon Solo™ Baffle ZigZag

Solo Baffle ZigZag is vertically installed unframed baffles. The zigzag-shaped baffle gives the room a special design and possibility to express design in shape and colour. Baffles are used primarily when natural light is brought into the room via skylight.



# **SYSTEM RANGE**



Size, mm	1800x300	1800x600
Special Fixing	•	•
Thickness (THK)	40	40
Inst. Diagr.	M496, M417	M496, M417







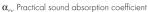


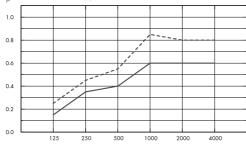
Acoustic



# **Sound Absorption:**

Test results according to EN ISO 354:2003 NOTE: Results shown are not comparable with results according to older versions of this standard due to discrepancies in test method. 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.

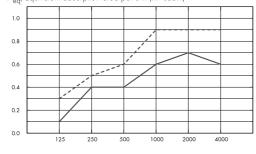




- Solo Baffle ZigZag 1800x300/200, spacing 600, direct mounting
- --- Solo Baffle ZigZag 1800x600/300, spacing 600, direct mounting
- o.d.s = overall depth of system

Frequency Hz

A<sub>eq</sub>, Equivalent absorption area per unit (m² sabin)



- Solo Baffle ZigZag 1800x300/200
- --- Solo Baffle ZigZag 1800x600/300
- o.d.s = overall depth of system

Frequency Hz

	THK	THK o.d.s. mm	$lpha_{ m p}$ , Practical sound absorption coefficient						α
	mm	0.u.s. IIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_{w}$
c600	40	300	0.15	0.35	0.40	0.60	0.60	0.60	0.50
c600	40	600	0.25	0.45	0.55	0.85	0.80	0.80	0.65

	THK	o.d.s. mm	$A_{eq'}$ Equivalent absorption area per unit ( $m^2$ sabin)					
mm	mm		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
c600	40	300	0.1	0.4	0.4	0.6	0.7	0.6
с600	40	600	0.3	0.5	0.6	0.9	0.9	0.9

	THK mm	o.d.s. mm	NRC	SAA
c600	40	300	0.50	0.49
c600	40	600	0.65	0.65



# **Indoor Air Quality**

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







# 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<sup>TM</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>TM</sup> 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 CO2 equiv/m²	Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804
Solo Baffle ZigZag	11,13	14023 / EIN 10004



# Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



# Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	Horreomboshble according to ETV 150 TT02.



#### **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.



# System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Baffle	4,6	



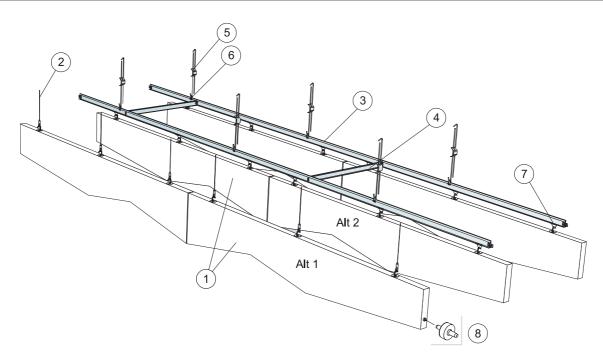
# **Mechanical properties**

Additional live load has to be fixed to the soffit.



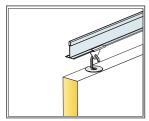
# CE

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.

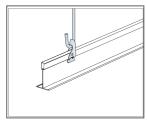


© Saint-Gobain Ecophon AB

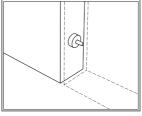
		Size, mm	
		1800×300	1800×600
1	Sola Baffle ZigZag/hook	0,9/m²	0,9/m²
2	Connect Adjustable wire hanger (Alt 1)	3/panel	3/panel
3	Connect T24 Main runner, installed at 600 mm centres [Alt 2]	1,7m/m²	1,7m/m²
4	Connect T24 Cross tee, L=600 mm, installed at 1800 mm centres (Alt 2)	0,6m/m²	0,6m/m <sup>2</sup>
5	Connect Adjustable hanger (Alt 2) c1200	1,4/m²	1,4/m²
6	Connect Hanger clip (Alt 2)	1,4/m²	1,4/m²
7	Connect Baffle clip (Alt 2)	2,8/m²	2,8/m²
8	Connect Guiding pin, installed at 1800 mm centres	0,9/m²	0,9/m²



Detail of suspension



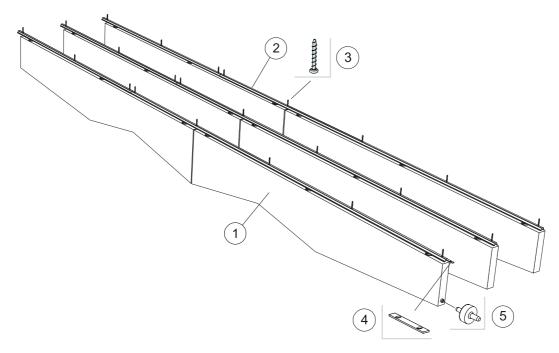
Suspension with adjustable hanger and clip



Connect Guiding pin, used to fix distance and level between panels

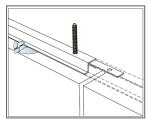


Suspension with Connect Adjustable wire hanger

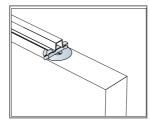


© Saint-Gobain Ecophon AB

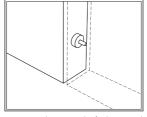
	Size, mm	
	1800×300	1800×600
Solo Baffle ZigZag/anchor, installed at 300 mm centres	1,9/m²	1,9/m²
Connect Baffle profile, installed at 300 mm centres	3,3m/m²	3,3m/m <sup>2</sup>
Connect Anchor screw, fixed at 1200 mm centres	2,8/m²	2,8/m²
Connect Profile connector, installed at 2400 mm centres	1,4/m²	1,4/m²
Connect Guiding pin, installed at 1800 mm centres	1,9/m²	1,9/m²
	Connect Baffle profile, installed at 300 mm centres  Connect Anchor screw, fixed at 1200 mm centres  Connect Profile connector, installed at 2400 mm centres	Solo Baffle ZigZag/anchor, installed at 300 mm centres         1,9/m²           Connect Baffle profile, installed at 300 mm centres         3,3m/m²           Connect Anchor screw, fixed at 1200 mm centres         2,8/m²           Connect Profile connector, installed at 2400 mm centres         1,4/m²



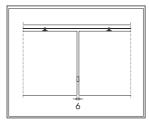
Fixing of Connect Profile connector



The baffles are secured with clips



Connect Guiding pin, used to fix distance and level between panels



Distinct gap of 6 mm between baffles with Connect Guiding pin



# Ecophon Solo<sup>TM</sup> Baffle Wall

Ecophon Solo™ Baffle Wall are acoustic solutions for walls. Solo Baffle Wall are suitable in buildings where you want to express design and have freedom to create patterns with different sizes and colours

With Connect™ Baffle wall fixing you will easily attach the baffle to the wall.



#### SYSTEM RANGE

Size, mm	1200x200	1200×300
Special Fixing	•	•
Thickness (THK)	40	40
Inst. Diagr.	M420	M420

© Saint-Gobain Ecophon AB

Ecophon Solo™ Baffle Wall, 2025-01-16







Solo Battle/anchor with Cor Baffle Wall fixing

### ~/\/

#### Acoustic

For acoustic data on the Baffle - please see Solo Baffle.



#### **Indoor Air Quality**

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







#### 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<sup>™</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>™</sup> 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 CO2 equiv/m²	Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804
Solo Baffle & Solo Baffle Wall	10,11	14023 / LIN 13004



#### Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	non-composible according to ETTTOO TTO2.



#### **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.



#### System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Baffle	4,6	-



#### Installation

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



#### **Mechanical properties**

Additional live load has to be fixed to the soffit.



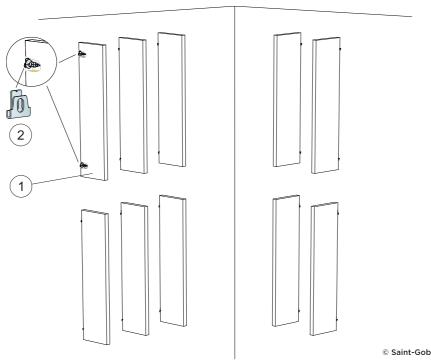
#### CE

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.



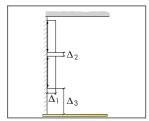
#### **Carbon footprint**

	kg CO2 equiv/m²	Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804
Solo Baffle & Solo Baffle Wall	10,11	14023 / 111 13004

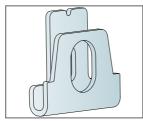


© Saint-Gobain Ecophon AB	©	Saint-Gobain	Ecophon .	AB
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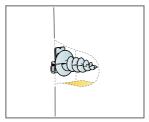
		Size, mm	
		1200×200	1200×300
1	Solo Baffle/anchor, installed at 300 mm centres	2,8/m²	2,8/m²
-	Connect Baffle wall fixing	2/panel	2/panel
	$\Delta$ 1 Min. overall depth of system: $\Delta$ 1 212mm $/$ 312mm	-	-
	$\Delta 2$ Min. overall depth of system: $\Delta 2$ 20mm	-	-
	Δ3 Min. overall depth of system: Δ3 2500mm	-	-



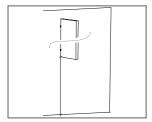




Detail of Connect Baffle wall bracket



Detail of panel



Mounting high min 2,5m.



## Ecophon Solo<sup>TM</sup> Matrix

The system provides quick and easy installation with highest accuracy and a vast range of design possibilities. Each panel has a built in hatch function, and can easily be demounted. Suitable for larger areas where high coverage is required but a wall to wall solution is not possible.



#### **SYSTEM RANGE**



Size, mm	600x1040	600x1200	600×2400	1200x1040	1200x1200	2400×1040	2400x1200
T24	•	•	•	•	•	•	•
Thickness (THK)	40	40	40	40	40	40	40
Inst. Diagr.	M502	M501, M503	M501, M503	M502	M501	M502	M501

© Saint-Gobain Ecophon AB Ecophon Solo™ Matrix, 2025-01-16







Connect Panel Cross Bar on rear side of Solo Matrix panel



Solo Matrix system



Section of Solo Matrix system

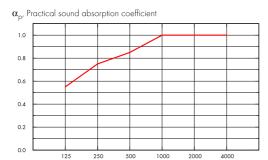
#### **Acoustic**



The first diagram refers to clusters >10 m². The second diagram to a cluster of four panels (1200x1040 mm) in a row with a distance of 40 mm (M502). If the clusters are arranged with distances between the clusters <0,5 meters, the Aeq per cluster will be slightly reduced.

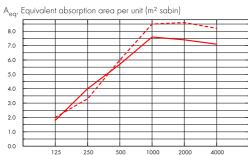
#### **Sound Absorption:**

Test results according to EN ISO 354. Classification according to EN ISO 11654.



- Solo Matrix 40 mm, 300 mm o.d.s. o.d.s = overall depth of system

Frequency Hz



- Solo Matrix 40 mm (M502), 300 mm o.d.s.
- --- Solo Matrix 40 mm (M502), 600 mm o.d.s. o.d.s = overall depth of system

Frequency Hz

THK	ods mm	$lpha_{p'}$ Practical sound absorption coefficient o.d.s. mm						$ullet$ $oldsymbol{lpha}_{ m w}$ Sound absorption class	
mm	O.d.s. IIIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	~ <sub>w</sub>	Sound absorption class
40	300	0.55	0.75	0.85	1.00	1.00	1.00	0.95	А

THK	o do mm		A <sub>eq′</sub>	Equivalent absor	ption area per unit (	m² sabin)	
mm	o.d.s. mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
40	300	1.8	4.0	5.7	7.6	7.4	<i>7</i> .1
40	600	2.0	3.3	6.0	8.5	8.6	8.2
40	1000	2.1	3.5	6.4	9.1	9.2	9.0

© Saint-Gobain Ecophon AB Ecophon Solo™ Matrix, 2025-01-16



#### **Indoor Air Quality**

Certificate / Label	SOR AIR COMPO	
Eurofins Indoor Air Comfort®	IAC Gold	GRANIFIED PROBLE
French VOC	A+	







#### 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 CO2 equiv/m²	Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804
Solo Matrix	7.52	14025 / 214 10004



#### Circularity

Minimum post-consumer recycled content	62%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	non-combosible according to ETV 150 1702.



#### **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

Each panel is individually demountable from below. Panels are equipped with hatch function.



#### Installation

For design possibilities including installation direction and integrations, see installation guides, installation diagrams and drawing aid. For informatin regarding minimum overall depth of system see quantity specification.



#### System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Matrix	3,5	
Solo Matrix + Connect Grid System	4,5	



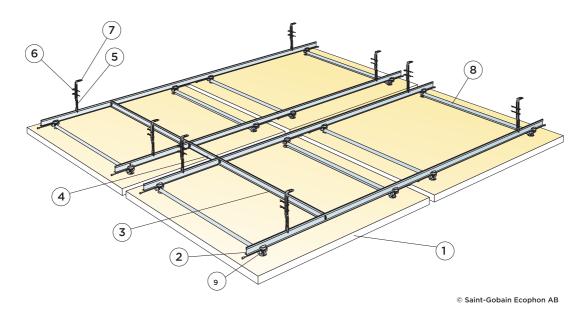
#### **Mechanical properties**

The panels can take small loads with largest aperture diameter of 100 mm. The load is restricted to maximum 250g between two Panel cross bars. For heavier loads see Installation guide.

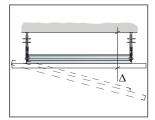


#### CE

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.



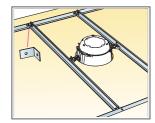
	Size, mm			
	600×1200	600×2400	1200×1200	2400×1200
Solo Matrix	0,72m² / tile	1,44m² / tile	1,44m² / tile	2,88m² / tile
Connect T24 Main runner, installed with spacing 900 mm and 300 mm	1,67m/m²	1,67m/m²	1,67m/m²	1,67m/m²
Connect T24 Cross tee, L=900 mm, installed with spacing 1800 mm	0,42m/m²	0,42m/m <sup>2</sup>	0,42m/m²	0,42m/m²
Connect T24 Cross tee, L=300 mm, installed with spacing 2400 mm	O,11m/m <sup>2</sup>	O,11m/m <sup>2</sup>	O,11m/m <sup>2</sup>	O,11m/m <sup>2</sup>
Connect Nonius Hanger Lower, installed with spacing 1800 mm	0,95/m²	0,95/m²	0,95/m²	0,95/m²
Connect Split pin (2/hanger)	1,9/m²	1,9/m²	1,9/m²	1,9/m²
Connect Nonius hanger upper, installed with spacing 1800 mm	0,95/m²	0,95/m²	0,95/m²	0,95/m²
3 Connect Panel cross bar	2/panel	4/panel	2/panel	3/panel
Connect Panel connector	4/panel	8/panel	4/panel	6/panel
$\Delta$ Min. overall depth of system: 305 mm	-	-	-	-
Quantity specification based on 40 mm gap between all panels	-	-	-	-
Stabilization could be required, see installation guide for more details	-	-	-	-



See Quantity Specification

Modular size	Exact size
600x1200	560x1160
600x2400	560x2360
1200x1200	1160x1160
2400x1200	2360x1160
I	

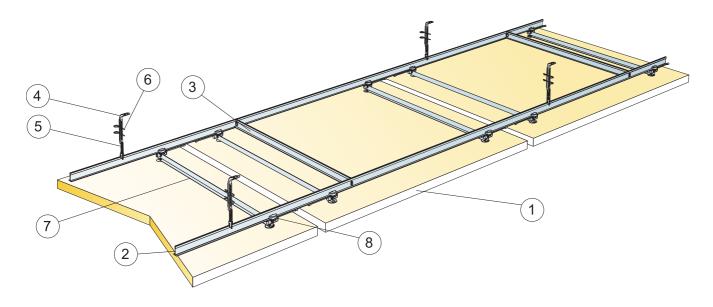
The left column shows modular sizes and the right exact panel sizes.



For heavier integrations use Connect Cross Tee and Connect Angle Bracket.

Size, mm	Max live load (N)	Min load bearing capacity (N)
	5	160
600x2400x40	5	160
1200x1200x40	5	160
2400x1200x40	5	160

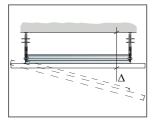
Live load/load bearing capacity



#### © Saint-Gobain Ecophon AB

#### QUANTITY SPECIFICATION (EXCL. WASTAGE)

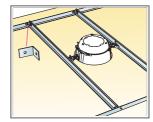
	Size, mm	Size, mm	
	600×1040	1200×1040	2400×1040
1 Ecophon Master Matrix in rows	0,63m²/panel	1,25m²/panel	2,50m²/panel
Connect T24 Main runner, installed with spacing 900 mm	1,93m/m²	1,93m/m²	1,93m/m²
3 Connect T24 Cross tee, L=900 mm, installed with spacing 1800 mm	0,49m/m²	0,49m/m²	0,49m/m²
Connect Nonius hanger upper, installed with spacing 1800 mm	1,07/m²	1,07/m²	1,07/m²
Connect Nonius Hanger Lower, installed with spacing 1800 mm	1,07/m²	1,07/m²	1,07/m²
Connect Split pin (2/hanger)	2,14/m²	2,14/m²	2,14/m²
7 Connect Panel cross bar	2/panel	2/panel	3/panel
3 Connect Panel connector	4/panel	4/panel	6/panel
$\Delta$ Min. overall depth of system: 305 mm		-	-
Quantity specification based on 40 mm gap between panels in installation direction		-	-
Stabilization could be required, see installation guide for more details	-		-



See Quantity Specification

Modular size	Exact size
600x1040	560x1000
1200x1040	1160x1000
2400×1040	2360×1000

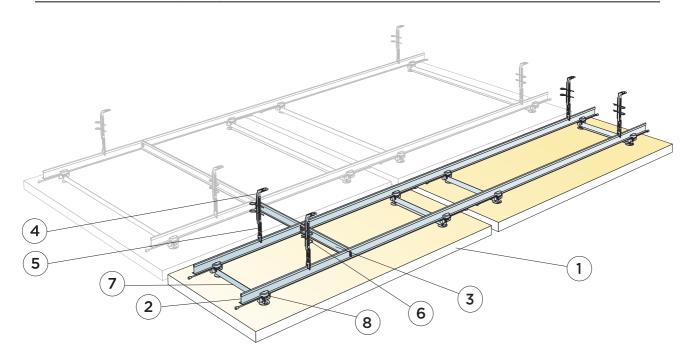
The left column shows modular sizes and the right exact panel sizes.



For heavier integrations use Connect Cross Tee and Connect Angle Bracket.

Size, mm	Max live load [N]	Min load bearing capacity (N)
600x1040x40	5	160
1200x1040x40	5	160
2400x1040x40	5	160

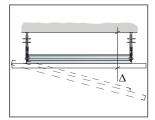
Live load/load bearing capacity



#### © Saint-Gobain Ecophon AB

#### QUANTITY SPECIFICATION (EXCL. WASTAGE)

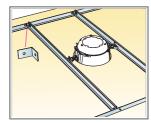
Size, mm	
600×1200	600×2400
0,72m²/panel	1,44m²/panel
1,67m/m²	1,67m/m²
O,11m/m <sup>2</sup>	O,11m/m <sup>2</sup>
0,95/m²	0,95/m²
0,95/m²	0,95/m²
1,9/m²	1,9/m²
2/panel	4/panel
4/panel	8/panel
-	-
-	-
-	÷
	600x1200  0,72m²/panel  1,67m/m²  0,11m/m²  0,95/m²  0,95/m²  1,9/m²  2/panel  4/panel  -



See Quantity Specification

Modular size	Exact size
600x1200	560x1160
600x2400	560x2360
1200x1200	1160x1160
2400×1200	2360x1160

The left column shows modular sizes and the right exact panel sizes.



For heavier integrations use Connect Cross Tee and Connect Angle Bracket.

Size, mm 600x1200x40	Max live load (N) 5	Min load bearing capacity [N] 160
600x2400x40	5	160

Live load/load bearing capacity



### Ecophon Solo™ Circle Akutex HS

Solo Circle Akutex HS is a water resistant free hanging unit, offering a high degree of design possibility. Solo Circle Akutex HS is primarily suited for swimming pool areas with high humidity and occasional direct water.



#### **SYSTEM RANGE**



Size, mm	Ø800	Ø1200
Special Fixing	•	•
Thickness (THK)	40	40
Inst. Diagr.	M437C4	M442C4







Solo Circle Akutex HS tile



Suspension with Adjustable Hanger C4 and Absorber Anchor

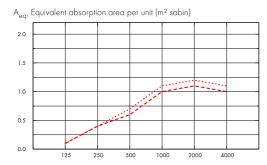
### M//~

#### 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 Circle/Akutex HS Ø800, 400 mm o.d.s.
- ···· Solo Circle/Akutex HS Ø800, 1000 mm o.d.s. o.d.s = overall depth of system
- Frequency Hz
- A<sub>eq</sub>, Equivalent absorption area per unit (m² sabin)

  4.0

  3.5

  3.0

  2.5

  2.0

  1.5

  1.0

  0.5

  0.0
- --- Solo Circle/Akutex HS Ø1200, 400 mm o.d.s.
- ···· Solo Circle/Akutex HS Ø1200, 1000 mm o.d.s.
- o.d.s = overall depth of system

	THK	o.d.s. mm		A <sub>eq′</sub> E	quivalent absorp	ption area per unit	(m² sabin)	
	mm	0.u.s. IIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Ø800	40	400	0.1	0.4	0.6	1.0	1.1	1.0
Ø800	40	1000	0.1	0.4	0.7	1.1	1.2	1.1

Frequency Hz

	THK	a d a mm		A <sub>eq′</sub> Ed	quivalent absorp	otion area per uni	t (m² sabin)	
	mm	o.d.s. mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Ø1200	40	400	0.3	0.9	1.4	2.1	2.1	2.0
Ø1200	40	1000	0.2	0.8	1.5	2.3	2.3	2.2

#### **Indoor Air Quality**

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







#### 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<sup>TM</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>TM</sup> 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 CO2 equiv/m²	Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804
Solo Circle/Akutex HS	10,87	14020 / 214 10004



#### Circularity

Minimum post-consumer recycled content	54%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	Horreombosible according to £14130-1102.



#### **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.



#### 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.



#### System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Circle/Akutex HS	4,9	

#### **Mechanical properties**

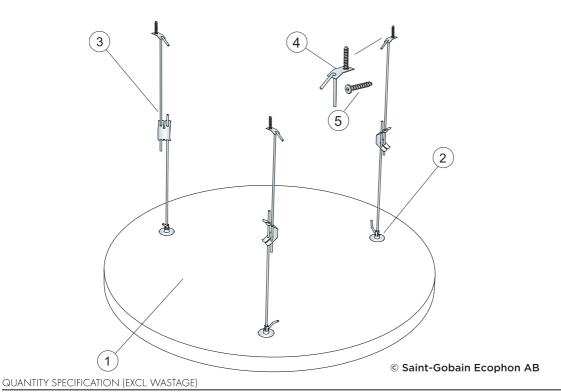


No additional live load is allowed.

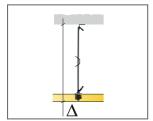


#### CE

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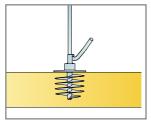
		Size, mm	
		Ø800	
1	Solo Circle Akutex HS	0,5m²/panel	
2	Connect Absorber Anchor	3/panel	
3	Connect Adjustable Hanger C4	3/panel	
4	Connect Fixing Plate C4	3/panel	
5	Connect Anchor Screw C4	3/panel	
	$\Delta$ Min. overall depth of system: $\Delta$ 410 mm		



See Quantity Specification



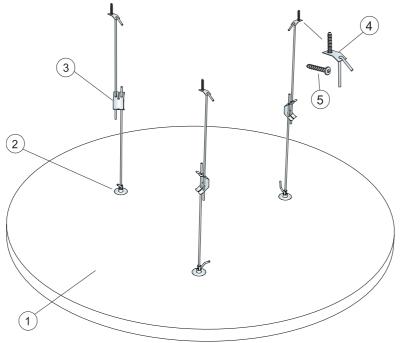
Connect Adjustable Hanger C4 mounted in Connect Absorber Anchor



Connect Absorber Anchor mounted in panel

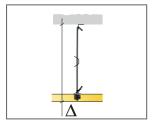


Adjustable suspension with Connect Adjustable Hanger C4



© Saint-Gobain Ecophon AB

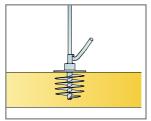
		Size, mm
		Ø1200
1	Solo Círcle Akutex HS	1,13m²/panel
2	Connect Absorber Anchor	3/panel
3	Connect Adjustable Hanger C4	3/panel
4	Connect Fixing Plate C4	3/panel
5	Connect Anchor Screw C4	3/panel
	$\Delta$ Min. overall depth of system: $\Delta$ 410 mm	



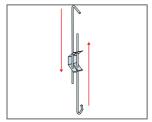
See Quantity Specification



Connect Adjustable Hanger C4 mounted in Connect Absorber Anchor



Connect Absorber Anchor mounted in panel



Adjustable suspension with Connect Adjustable Hanger C4



### Ecophon Solo™ Square Akutex HS

Solo Square Akutex HS is a water resistant free hanging unit, offering a high degree of design possibility. Solo Square Akutex HS is primarily suited for swimming pool areas with high humidity and occasional direct water.



#### **SYSTEM RANGE**

Size, mm	1200x1200
Special Fixing	•
Thickness (THK)	40
Inst. Diagr.	M438C4







Solo Rectangle Akutex HS tile



Suspension with Adjustable Hanger C4 and Absorber Anchor



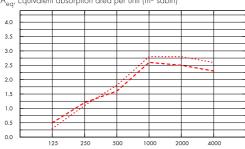
#### Acoustic

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.

 $A_{\rm eq'}$  Equivalent absorption area per unit (m $^2$  sabin)



- --- Solo Square 1200x1200/Akutex HS, 400 mm
- .... Solo Square 1200x1200/Akutex HS, 1000 mm
- o.d.s = overall depth of system

THK	o.d.s. mm		A <sub>eq</sub> , Equivalent absorption area per unit (m² sabin)				
mm	0.0.5. 111111	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz 4000 Hz	4000 Hz
40	400	0.5	1.2	1.6	2.6	2.5	2.3
40	1000	0.3	1.1	1.8	2.8	2.8	26

Frequency Hz





#### **Indoor Air Quality**

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







#### 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 $^{\text{TM}}$  at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate $^{\text{TM}}$  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 CO2 equiv/m²		Life-cycle stages A1 to C4 from EPD, in conformity with ISC 14025 / EN 15804
Solo Square 9,37		



#### Circularity

Minimum post-consumer recycled content	54%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	



#### **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.



#### 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.



#### System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Square/Akutex HS	4,9	



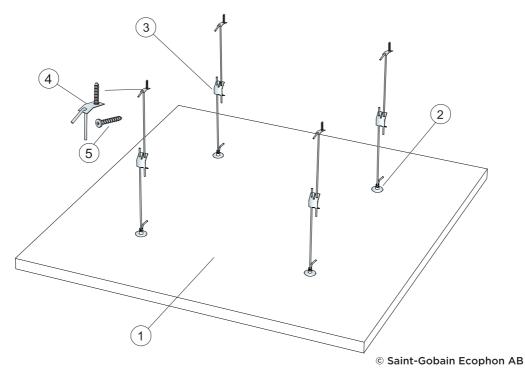
#### **Mechanical properties**

No additional live load is allowed.

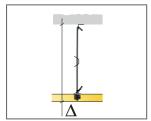


#### CE

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.



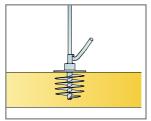
		Size, mm
		1200×1200
1	Solo Square Akutex HS	1,44m²/panel
2	Connect Absorber Anchor	4/panel
3	Connect Adjustable Hanger C4	4/panel
1	Connect Fixing Plate C4	4/panel
5	Connect Anchor Screw C4	4/panel
	$\Delta$ Min. overall depth of system: $\Delta$ 410 mm	



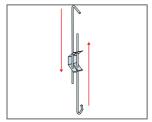
See Quantity Specification



Connect Adjustable Hanger C4 mounted in Connect Absorber Anchor



Connect Absorber Anchor mounted in panel



Adjustable suspension with Connect Adjustable Hanger C4



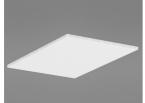
### Ecophon Solo™ Rectangle Akutex HS

Solo Rectangle Akutex HS is a water resistant free hanging unit, offering a high degree of design possibility. Solo Rectangle Akutex HS is primarily suited for swimming pool areas with high humidity and occasional direct water.



#### **SYSTEM RANGE**

Size, mm	1800x1200	2400x1200
Special Fixing	•	•
Thickness (THK)	40	40
Inst. Diagr.	M436C4	M441C4







Solo Rectangle Akutex HS tile



Suspension with Adjustable Hanger C4 and Absorber Anchor

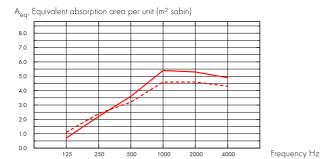
### Acoustic



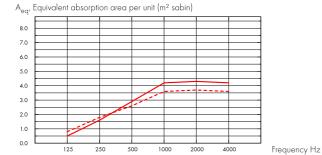
The values in the diagram refer to a single unit. If the units are arranged in a cluster with distances between units less than 0,5 meters, the Aeq per unit will be slightly reduced.

#### **Sound Absorption:**

Test results according to EN ISO 354.



- --- Solo Rectangle 2400x1200/Akutex HS, 400 mm o.d.s.
- Solo Rectangle 2400x1200/Akutex HS, 1000 mm o.d.s.
- o.d.s = overall depth of system



- - --- Solo Rectangle 1800x1200/Akutex HS, 400 mm o.d.s.
  - Solo Rectangle 1800x1200/Akutex HS, 1000
  - o.d.s = overall depth of system

2400x1200 40 400 1.1 2.4 3.2 4.6 4.6 4.3 2400x1200 40 1000 2.2 4.9 0.7 3.6 5.4 5.3 2.6 3.7 1800x1200 40 400 0.8 1.8 3.6 3.6 1800x1200 1000 0.5 4.2 4.2 4.3

#### **Indoor Air Quality**



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





© Saint-Gobain Ecophon AB



#### **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<sup>TM</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>TM</sup> 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 CO2 equiv/m²	Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804
Solo Rectangle	9,64	14023 / EIN 13004



#### Circularity

Minimum post-consumer recycled content	54%
Recyclability	Fully recyclable



#### Fire safety

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	Horreomboshble decorating to ETV 150-1102.



#### **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.



#### 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.



#### System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Rectangle Akutex HS	4,9	

#### **Mechanical properties**

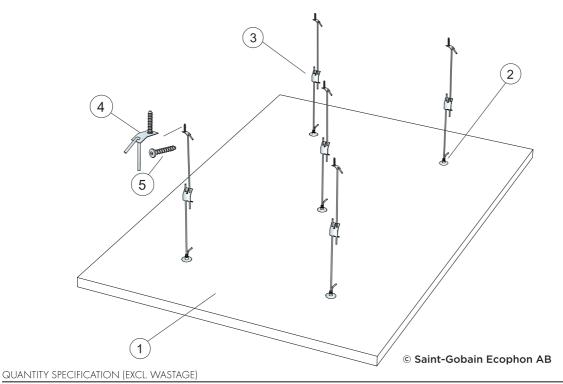


No additional live load is allowed.

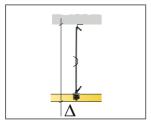


#### CE

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.



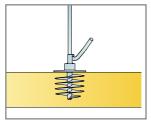
		Size, mm
		1800×1200
1	Solo Rectangle Akutex HS	2,16m²/panel
2	Connect Absorber Anchor	5/panel
3	Connect Adjustable Hanger C4	5/panel
4	Connect Fixing Plate C4	5/panel
5	Connect Anchor Screw C4	5/panel
	$\Delta$ Min. overall depth of system: $\Delta$ 410 mm	



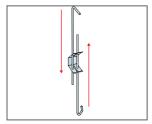
See Quantity Specification



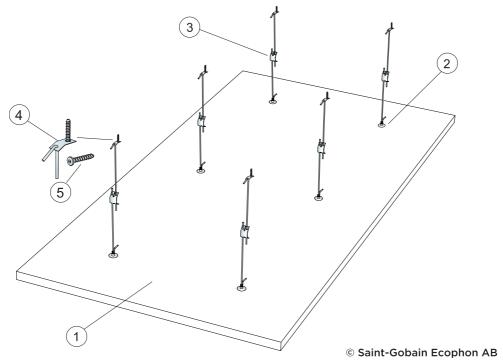
Connect Adjustable Hanger C4 mounted in Connect Absorber Anchor



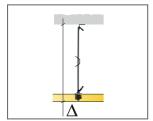
Connect Absorber Anchor mounted in panel



Adjustable suspension with Connect Adjustable Hanger C4



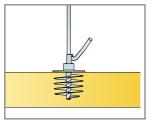
		Size, mm
		2400×1200
1	Solo Rectangle Akutex HS	2,88m²/panel
2	Connect Absorber Anchor	6/panel
3	Connect Adjustable Hanger C4	6/panel
4	Connect Fixing Plate C4	6/panel
5	Connect Anchor Screw C4	6/panel
	$\Delta$ Min. overall depth of system: $\Delta$ 410 mm	



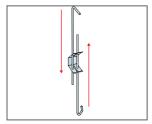
See Quantity Specification



Connect Adjustable Hanger C4 mounted in Connect Absorber Anchor



Connect Absorber Anchor mounted in panel



Adjustable suspension with Connect Adjustable Hanger C4



## 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.

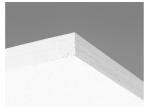


#### **SYSTEM RANGE**

Size, mm	1100x1100	1200x1200
Special Fixing	•	•
Thickness (THK)	40	40
Inst. Diagr.	M679, M680	M679, M680







Solo Lite tile



Suspension with Connect Adjustable wire hanger and Connect Absorber



Suspension with Connect Absorber bracket and Connect Absorber anchor

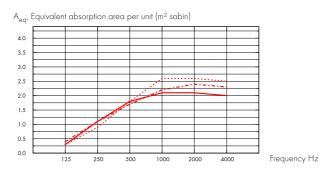
#### Acoustic



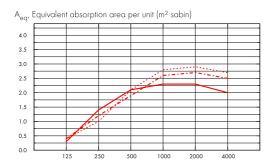
The values in the diagram refer to a single unit. If the units are arranged in a cluster with distances between units less than 0,5 meters, the Aeq per unit will be slightly reduced.

#### **Sound Absorption:**

Test results according to EN ISO 354.



- 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



- 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	o.d.s. mm	$A_{eq'}$ Equivalent absorption area per unit ( $m^2$ sabin)					
	mm	0.0.5. 111111	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
1200×1200	40	200	0.3	1.4	2.1	2.3	2.3	2.0
1200×1200	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	А





#### **Material Health**



This product has received a C2C Certified Material Health Certificate<sup>™</sup> at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate<sup>™</sup> 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

Country	Fire standard	Class	The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.
Europe	EN 13501-1	A2-s1,d0	Horecombosible according to E11130-1102.



#### 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.



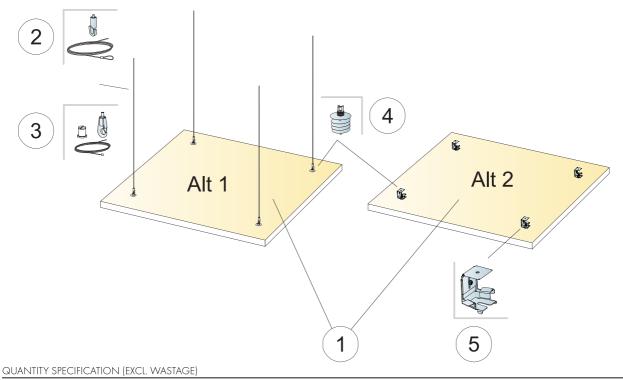
#### System weight

	kg/m²	Weight information is indicative and subject to variation.
Solo Lite	2,5	

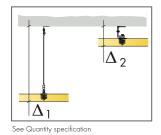


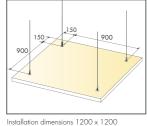
#### CE

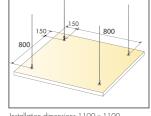
Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

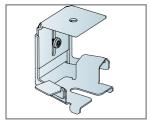


		Size, mm	Size, mm	
		1100×1100	1200×1200	
1	Solo Lite Square	1,21m²/panel	1,44m²/panel	
2	Connect Adjustable wire hanger (Alt 1)	4/panel	4/panel	
3	Connect Adjustable wire kit (Alt 1, Optional)	4/panel	4/panel	
4	Connect Absorber anchor	4/panel	4/panel	
5	Connect Absorber bracket (Alt 2)	4/panel	4/panel	
	$\Delta$ Min. overall depth of system: $\Delta 1~130$ mm $/~\Delta 2~90$ mm		-	



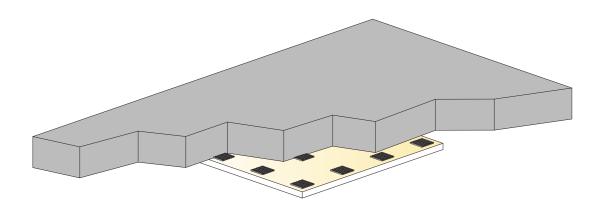




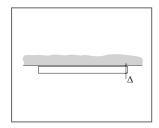


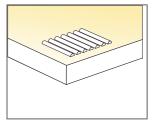
1200 Installation dimensions 1100 x 1100

Details of Absorber bracket. Overall depth of system between 90-1 30mm



		Size, mm	Size, mm		
		1100×1100	1200×1200		
1 Solo Lite Squ	arare	1,21m²/panel	1,44m²/panel		
2 Connect Abs	sorber glue (0,25 l/m² - 0,4 l/m² depending on installation conditions)	as required	as required		
Cut visible ed	dges should be painted		-		
$\Delta$ Min. overd	ill depth of system: 43 mm		-		
Use Connect	t Notched spatula to apply the glue.		-		
δ Min. demo	unting depth; The system is not demountable		-		





Application of glue