

Ecophon Akusto™ Wall Edge

A

Ecophon AkustoTM Wall A has an exposed profile system with a variety of surface options. This wall absorber pairs with a sound absorbing ceiling to achieve excellent acoustic properties in the room.



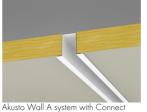
SYSTEM RANGE



Size, mm	2700×1200
Channel trim	•
Thinline Profile	•
Thickness	40
Inst. Diagr.	M353, M504, M593, M595









Akusto Wall A system with Connect
Channel trim and Connect Recessed
profile

Akusto Wall system with Connect Thinline profiles

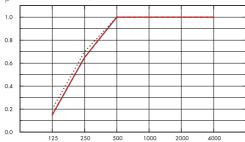
Acoustic



Sound Absorption:

Test results according to EN ISO 354. 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.





runner

- ···· Akusto Wall A Akutex FT 40 mm, 43 mm o.d.s.
- Akusto Wall A Texona 40 mm, 43 mm o.d.s.
- --- Akusto Wall A Super G 40 mm, 43 mm o.d.s. o.d.s = overall depth of system

Frequency Hz

	THK	o.d.s. mm	$lpha_{ m p}$, Practical sound absorption coefficient				$\alpha_{\scriptscriptstyle{W}}$	Sound absorption class		
	mm	0.0.3. 11111	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\sim_{\scriptscriptstyle{W}}$	Souria absorption class
Akutex I	FT 40	43	0.20	0.70	1.00	1.00	1.00	1.00	1.00	А
Texono	a 40	43	0.15	0.65	1.00	1.00	1.00	1.00	1.00	А
Super (3 40	43	0.15	0.65	1.00	1.00	1.00	1.00	0.95	А

THK	AC(1.5)
mm	Articulation Class, ASTM E1111, ASTM E1110
40	230

Indoo

Indoor Air Quality



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







Cradle to Cradle Certified®



Akusto products with Akutex FT surface are Cradle to Cradle Certified® at Bronze level (version 4.0).



Material Health

Akusto products with Akutex FT surface have received a C2C Certified Material Health CertificateTM at the Silver level (standard version 4.0). The C2C Certified Material Health CertificateTM 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
Akusto Wall A - Texona	4,74 (Akusto Wall A EPD in conformity with ISO 14025 / EN 15804)	11020 / ETV 10001
Akusto Wall A - Akutex FT	3,96 (Akusto Wall A EPD in conformity with ISO 14025 / EN 15804)	
Akusto Wall A - Super G	6,21 (Akusto Wall A EPD in conformity with ISO 14025 / EN 15804)	



Circularity

Minimum post-consumer recycled content	53%
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-combosible according to £14 150 1 102.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.



Cleanability

Daily dusting, vacuum cleaning and weekly wet wiping (Super G and Akutex FT surfaces). Weekly dusting and vacuum cleaning (Texona surface) as required.



Use of disinfectants

Texona Ginger, Sea salt, Thyme, Oyster and Garlic withstand the frequent use of ethanol (70%)-based disinfectants. Dampen a soft polyester microfiber cloth with the solution and wipe the surface in gentle circular movements.



Accessibility

The tiles are not demountable except in selected installation diagrams. See quantity specification for more information.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification. The systems should not be placed behind goals or similar areas where they are likely to be hit regularly. In such cases a protective net in front of the system is recommended.



System weight

	kg/m²	Weig
Akusto Wall A/Akutex FT	2,5	
Akusto Wall A/Texona	2,5	
Akusto Wall A/Super G	2,7	

Weight information is indicative and subject to variation.



Mechanical properties

No additional live load is allowed.



Impact Resistance

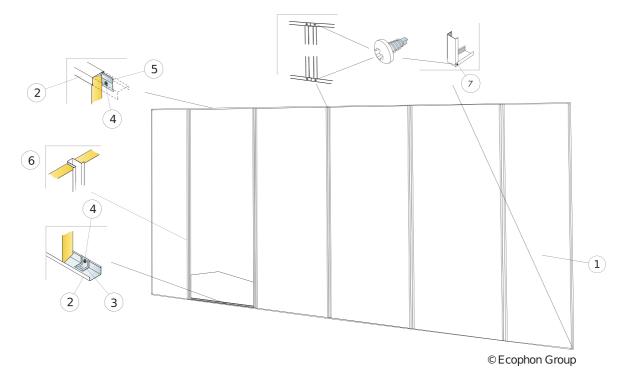
Surface	M-sketch	Classification
Super G	M353	Fulfills

Tested and classified to fulfil the requirements of DIN 18032-3, equivalent to 1A according to EN13964. Texona surface has moderate impact resistance. Please note: Where the panels are subjected to frequent blows and impacts e.g. behind goal mouths, protection in form of e.g restraining nets or wooden slats is required.

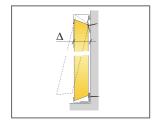


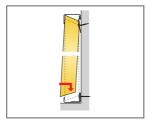
CE

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.

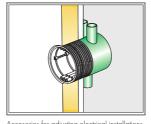


	Size, mm
	2700×1200
Ecophon Akusto Wall A/Super G	0,31/m²
Connect Channel trim, fixed at 300 mm centres. Connect Direct fixing plate is placed inside at each fixing point if the panel is not supported by the floor.	as required
Connect Direct fixing plate	as required
Connect Installation screw MVL (for use in plasterboard or timber)	as required
Connect Fixing bracket, fixed at 400 mm centres.	as required
Connect Recessed profile plus	as required
Connect Installation screw BR [2000 pcs]	as required
Δ Min. overall depth of system: 44 mm	-





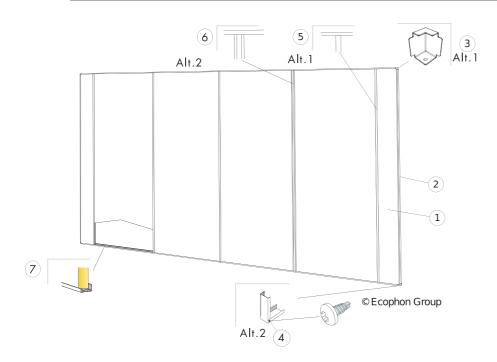
Detail of installation



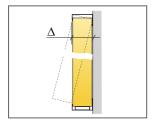
Accesories for adjusting electrical installations are available in electricity retail stores



Live load/load bearing capacity

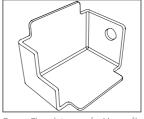


	Size, mm	
	2700×1200	
Ecophon Akusto Wall A	0,31/m²	
2 Connect Channel trim, fixed at 300 mm centres. Connect Direct fixing plate is placed inside at each fixing point if the panel is not supported by the floor.	as required	
3 Alt. 1 Connect Channel trim corner	as required	
Alt. 2 Connect Installation screw BR	as required	
Alt. 1 Connect T24 Main runner, (Installation: kept in position with the Channel trims)	as required	
Alt.1 Connect Recessed profile, (Installation: kept in position with the Channel trims)	as required	
Connect WP Space bar, L=2400 mm	as required	
Δ Min. overall depth of system: 44 mm	-	
Connect Installation screw MVL (for use in plasterboard or timber)	as required	



See Quantity specification

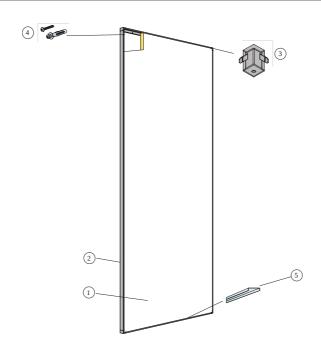




Connect Channel trim corner for 44mm profile

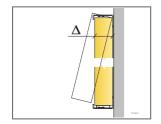


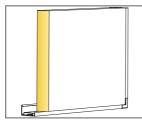
Live load/load bearing capacity

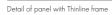


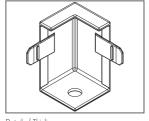
 ${\small \texttt{@} \ Ecophon}$

		Size, mm
		2700×1200
1	Ecophon Akusto Wall A	O,31/m²
2	Connect Thinline Profile, L=2658 mm	as required
3	Connect Thinline Corner	as required
4	Installation screw, installed at 400 mm centres (select fastener according to wall material)	as required
5	Connect Thinline Space Bar	as required
	Δ Overall depth of system: 45 mm	-





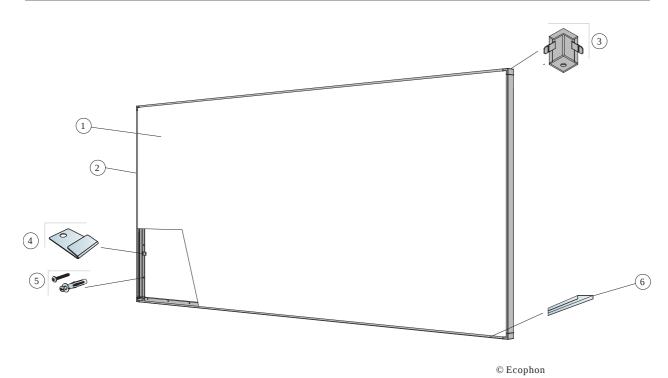




Detail of Thinline corner

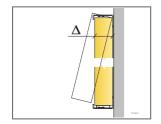


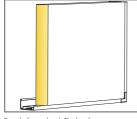
Live load/load bearing capacity

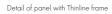


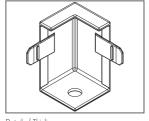
QUANTITY SPECIFICATION (EXCL. WASTAGE)

		Size, mm
		2700×1200
1	Ecophon Akusto Wall A	0,31/m²
2	Connect Thinline Profile, L=2658 mm	as required
3	Connect Thinline Corner	as required
4	Connect Thinline Locking Clip	as required
5	Installation screw, installed at 400 mm centres (select fastener according to wall material)	as required
6	Connect Thinline Space Bar	as required
	Δ Overall depth of system: 45 mm	-









Detail of Thinline corner



Live load/load bearing capacity



Ecophon Akusto™ Wall Edge

Ecophon Akusto™ Wall C has a concealed grid and bevelled edge to create a narrow groove between each panel. Available in a variety of surface options. Excellent room acoustic properties are achieved when this wall absorber is paired with a sound absorbing ceiling.



SYSTEM RANGE



Size, mm	2700x600
Thinline Profile	•
WP Profile	•
Thickness	40
Inst. Diagr.	M609, M354, M355, M592









Wall Panel C system with Connect WP profile and external corner

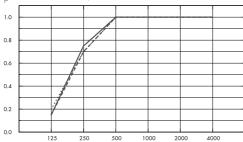
Acoustic



Sound Absorption:

Test results according to EN ISO 354. 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.





- ···· Akusto Wall C Akutex FT 40 mm, 45 mm o.d.s.
- Akusto Wall C Texona 40 mm, 45 mm o.d.s.
- --- Akusto Wall C Super G 40 mm, 45 mm o.d.s. o.d.s = overall depth of system

Frequency Hz

	THK	o.d.s. mm		$lpha_{ m p}$, Practical sound absorption coefficient						, Sound absorption class	
	mm	O.d.s. IIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_{w}	Sound absorption class	
Akutex FT	40	45	0.20	0.70	1.00	1.00	1.00	1.00	1.00	А	
Texona	40	45	0.15	0.75	1.00	1.00	1.00	1.00	1.00	А	
Super G	40	45	0.15	0.70	1.00	1.00	1.00	1.00	1.00	А	

	THK mm	o.d.s. mm	NRC	SAA
Texona	40	45	0.95	0.96
Super G	40	45	0.95	0.96

THK	AC(1.5)
mm	Articulation Class, ASTM E1111, ASTM E1110
40	240

Indoor Air Quality



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







Cradle to Cradle Certified®



Akusto products with Akutex FT surface are Cradle to Cradle Certified® at Bronze level (version 4.0).



Material Health

Akusto products with Akutex FT surface have 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.

14025 / EN 15804

Life-cycle stages A1 to C4 from EPD, in conformity with ISO



Carbon footprint

	kg CO2 equiv/m²
Akusto Wall C -	6,18 (Akusto Wall C EPD in conformity
Texona	with ISO 14025 / EN 15804)
Akusto Wall C -	6,42 (Akusto Wall C EPD in conformity
Akutex FT	with ISO 14025 / EN 15804)
Akusto Wall C -	7,28 (Akusto Wall C EPD in conformity
Super G	with ISO 14025 / EN 15804)



Circularity

Minimum post-consumer recycled content	60%
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-combosible according to ETV 190 1102.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.



Cleanability

Daily dusting, vacuum cleaning and weekly wet wiping (Super G and Akutex FT surface). Weekly dusting and vacuum cleaning (Texona) as required.



Use of disinfectants

Texona Ginger, Sea salt, Thyme, Oyster and Garlic withstand the frequent use of ethanol (70%)-based disinfectants. Dampen a soft polyester microfiber cloth with the solution and wipe the surface in gentle circular movements.



Accessibility

The tiles are not demountable except in selected installation diagrams. See quantity specification for more information.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification. The systems should not be placed behind goals or similar areas where they are likely to be hit regularly. In such cases a protective net in front of the system is recommended.



System weight

	kg/m²	Weight information is indicative and subject to variation.
Akusto Wall C/Akutex FT	3,5	
Akusto Wall C/Texona	3,5	
Akusto Wall C/Super G	3,7	



Mechanical properties

No additional live load is allowed.



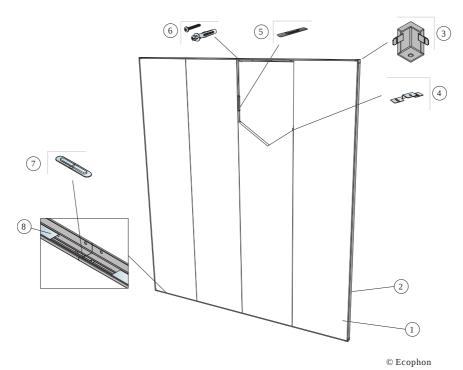
Impact Resistance

Surface	M-sketch	Classification	Tested and classified to fulfil the requirements of DIN 18032- 3, equivalent to 1A according to EN13964
Super G	M354	Fulfills	o, equivalent to 174 decorating to 21 4 10 70 4

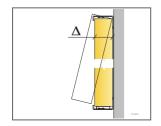


CE

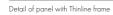
Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

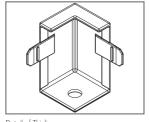


		Size, mm
		2700×600
1	Akusto Wall C	0,62/m²
2	Connect Thinline Profile, L=2658 mm	as required
3	Connect Thinline Corner	as required
4	Connect Fixing Plate installed 3 per panel lenght	as required
5	Connect Spline	as required
6	Installation screw, installed at 400 mm centres (select fastener according to wall material)	as required
7	Connect Thirline Splice, used to extend Thirline profiles where needed.	as required
8	Connect Thinline Space Bar	as required
	Δ Overall depth of system: 45 mm	-





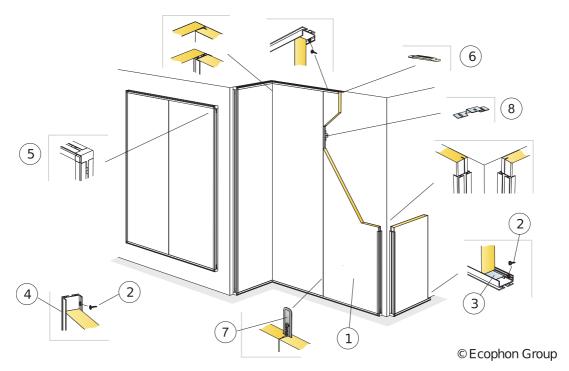




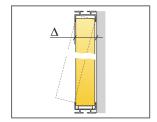
Detail of Thinline corner

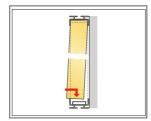


Live load/load bearing capacity

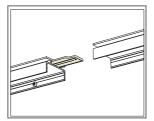


		Size, mm
		2700×600
1	Akusto Wall C (Akusto Wall C/Super G for Ball Impact Resistance)	0,62/m²
2	Connect Installation screw MVL (for use in plasterboard or timber)	as required
3	Connect WP Space bar, L=2400 mm	as required
4	Connect WP Profile, L=2687 mm, fixed at 400 mm centres	as required
5	Connect WP External corner mounted in Connect WP Profile	as required
6	Connect WP Profile splice, used to extend WP profiles where needed.	as required
7	Connect Spline	as required
8	Connect Fixing Plate installed 3 per panel lenght	as required
	Δ Min. overall depth of system: 44 mm	-





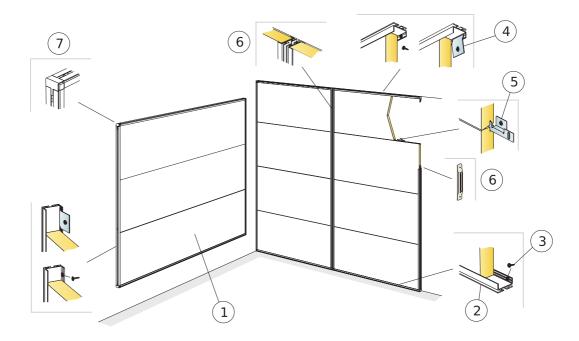
Detail of installation



Detail of WP Profile splice

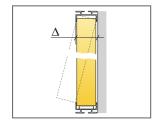


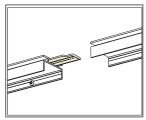
Live load/load bearing capacity



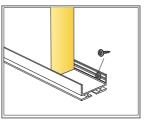
© Ecophon Group

		Size, mm
		2700×600
1	Akusto Wall C	0,62/m²
2	Connect WP Profile, L=2687 mm, fixed at 400 mm centres	as required
3	Connect Installation screw MVL (for use in plasterboard or timber)	as required
4	Alt. Connect Fixing bracket, fixed at 400 mm centres.	as required
5	Connect Fixing Plate installed 3 per panel lenght	as required
6	Connect WP Profile splice. used to extend WP profiles where needed.	as required
7	Connect WP External corner mounted in Connect WP Profile	as required
	Δ Min. overall depth of system: 44 mm	-





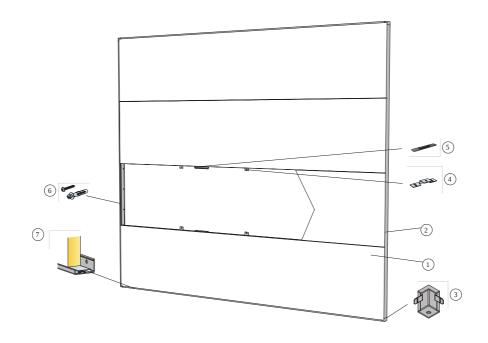




Detail of lower connection

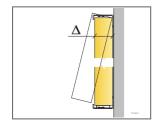


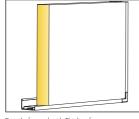
Live load/load bearing capacity

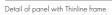


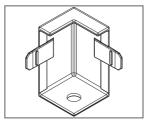
© Ecophon

		Size, mm
		2700×600
1	Akusto Wall C	0,62/m²
2	Connect Thinline Profile, L=2658 mm	as required
3	Connect Thinline Corner	as required
4	Connect Fixing Plate installed 3 per panel lenght	as required
5	Connect Spline	as required
5	Installation screw, installed at 400 mm centres (select fastener according to wall material)	as required
7	Connect Thinline Space Bar	as required
	Δ Overall depth of system: 45 mm	-









Detail of Thinline corner



Live load/load bearing capacity



Ecophon Akusto™ Wall C Extra Bass

Ecophon AkustoTM Wall C Extra Bass has a concealed grid and bevelled edge to create a narrow groove between each panel. Available in a variety

of surface options. The wall absorber has excellent sound absorption qualities from low to high sound frequencies. Best room acoustic

properties are achieved when used together with a sound absorbing ceiling.



SYSTEM RANGE



)	Size, mm	
		2700×600
1	Akusto Extra Bass (40mm)	•
	Thickness	40
	Inst. Diagr.	M535, M547









Akusto Wall C

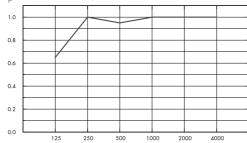
Acoustic



Sound Absorption:

Test results according to EN ISO 354. 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.

 $\alpha_{_{\text{D}^{\prime}}}$ Practical sound absorption coefficient



o.d.s = overall depth of system

- Akusto Wall C Extra Bass 80 mm, 80 mm o.d.s.

Frequency Hz

THK o.d.s. r		ods mm		$lpha_{p'}$ Pro	ictical sound	d absorption	coefficient		α	Sound absorption class
	mm	0.u.s. IIIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_{\scriptscriptstyle \sf W}$	Sound absorption class
Extra Bass	80	80	0.65	1.00	0.95	1.00	1.00	1.00	1.00	А

	THK mm	o.d.s. mm	NRC	SAA
Extra Bass	80	80	1.00	1.00

Indoor Air Quality



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





Carbon footprint



	kg CO2 equiv/m²
Akusto Wall C Extra Bass/Texona	7,42
Akusto Wall C Extra Bass/Akutex FT	<i>7</i> ,26
Akusto Wall C Extra Bass/Super G	8,74

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

Circularity



Minimum post-consumer recycled content	60%
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 ET4 100 TT02.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.



Cleanability

Daily dusting, vacuum cleaning and weekly wet wiping (Akutex FT surface). Weekly dusting and vacuum cleaning (Texona) as required.



Use of disinfectants

Texona Ginger, Sea salt, Thyme, Oyster and Garlic withstand the frequent use of ethanol (70%)-based disinfectants. Dampen a soft polyester microfiber cloth with the solution and wipe the surface in gentle circular movements.



Accessibility

The tiles are non-demountable.



Installation

Installed according to installation diagrams, installation guides and drawing aid.



System weight

	kg/m²	Weight information is indicative and subject to variation.
Akusto Wall C/Akutex FT	3,5	
Akusto Wall C/Texona	3,5	
Akusto Extra Bass	1,2	



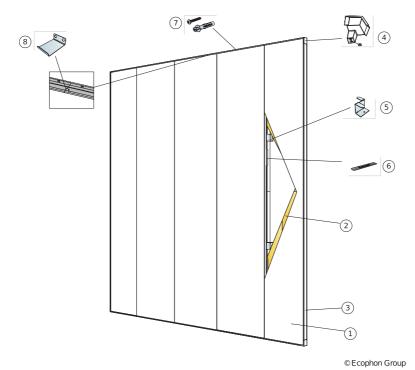
Mechanical properties

No additional live load is allowed.

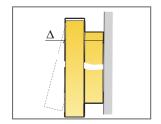


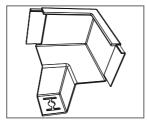
CE

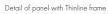
Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

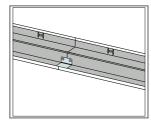


		Size, mm	
		2700×600	
1	Akusto Wall C	0,62/m²	
2	Akusto Extra Bass	1,25/m²	
3	Connect Shadow Profile	as required	
4	Connect Shadow Corner (Incl. washer for leveling)	as required	
5	Connect Ambit fixing installed at 1000 mm centres	as required	
5	Connect Spline	as required	
7	Installation screw, installed at 200 mm centres (select fastener according to wall material)	as required	
8	Connect Shadow Splice. Used to extend profiles where needed.	as required	





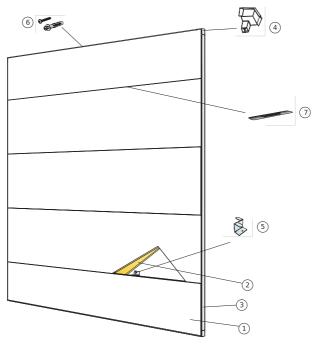




Detail of panel with Thinline frame

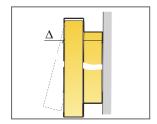


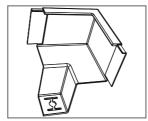
Live load/load bearing capacity



© Ecophon Group

		Size, mm
		2700×600
l	Akusto Wall C	0,62/m²
2	Akusto Extra Bass	1,25/m²
3	Connect Shadow Profile	as required
1	Connect Shadow Corner (Incl. washer for leveling)	as required
	Connect Ambit fixing installed at 1000 mm centres	as required
,	Installation screw, installed at 200 mm centres (select fastener according to wall material)	as required
,	Connect Spline	as required
3	Connect Shadow Splice. Used to extend profiles where needed.	as required





Detail of panel with Thinline frame



Live load/load bearing capacity



Ecophon Akusto™ Wall C Akutex HS

Ecophon AkustoTM Wall C Akutex HS has a concealed grid and bevelled edge to create a narrow groove between each panel. Suitable for swimming pool areas, it's compatible with high humidity, corrosivity and occasional direct water.



SYSTEM RANGE



)	Size, mm	2700x600
	Thinline Profile	•
	Thickness	40
	Inst. Diagr.	M594C4







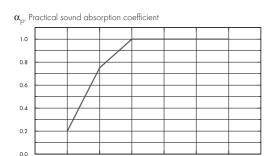
Section of Akusto Wall C Akutex HS System

Acoustic



Sound Absorption:

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



Akusto Wall C Akutex HS 40 mm, 50 mm o.d.s.
 o.d.s = overall depth of system

Frequency Hz

	THK	o.d.s. mm		$lpha_{p'}$ Pra	ctical sound	dabsorption	coefficient		$\alpha_{_{ee}}$	Sound absorption class
	mm	nm O.d.s. IIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	w _w	Sound absorption class
Akutex HS	40	50	0.20	0.75	1.00	1.00	1.00	1.00	1.00	А

	THK mm	o.d.s. mm		SAA
Akutex HS	40	50	0.95	0.96

Indoor Air Quality



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





Carbon footprint

kg CO2 equiv/m² Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804

Akusto Wall C - Akutex HS 7,77



Circularity

Minimum post-consumer recycled content	60%
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	Holl composible decorating to 21 vides 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 not demountable except in selected installation diagrams. See quantity specification for more information.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification. The systems should not be placed behind goals or similar areas where they are likely to be hit regularly. In such cases a protective net in front of the system is recommended.



System weight

	kg/m²	Weight information is indicative and subject to variation.
Akusto Wall C Akutex HS	3,6	



Mechanical properties

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



Cradle to Cradle Certified®



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



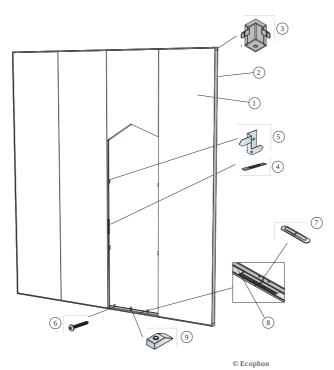
Material Health

This product has received a C2C Certified Material Health CertificateTM at the Silver level (standard version 4.0). The C2C Certified Material Health CertificateTM 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.

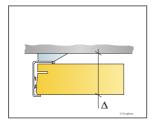


CE

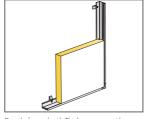
Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



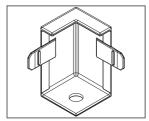
		Size, mm
		2700×600
1	Akusto Wall C Akutex HS	0,62/m²
2	Connect Thinline Profile, L=2658 mm	as required
3	Connect Thinline Corner	as required
4	Connect Spline	as required
5	Connect Thinline Fixing C4, for panel support every 1000 mm	as required
6	Installation screw C4, installed at 200 mm centres (select fastener according to wall material)	as required
7	Connect Thinline Splice, used to extend Thinline profiles where needed.	as required
8	Connect Thinline Space Bar	as required
9	Connect Distance C4, installed at 200 mm centres	as required
	Δ Overall depth of system: 55 mm	-



See Quantity Specification



Detail of panel with Thinline system with distance



Detail of Thinline corner



Ecophon Akusto™ One

Ecophon AkustoTM One is a panel for wall applications offered in square, rectangle or circle shapes. It offers a multitude of design possibilities thanks to the many different formats and colours.



SYSTEM RANGE

40	Size, mm	Ø592	592×592	Ø792	Ø1192	1192×292	1192x592
	Special Fixing	•	•	•	•	•	•
	Thickness	40	40	40	40	40	40
	Inst. Diagr.	M372	M371	M372	M372	M371	M371

© Saint-Gobain Ecophon AB Ecophon AkustoTM One, 2024-11-22



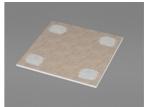




Installation with Connect™ One trim and Connect™ Absorber Anchor One



Installation with Connect™ One hook fixing



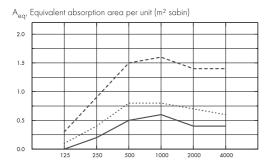
Installation with Connect™ Absorber glue

Acoustic

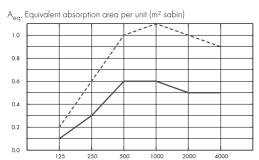
The values in the diagram refer to a single unit. If the units are arranged in a cluster with distances between units less than 0,5 metres, the Aeq per unit will be slightly reduced.

Sound Absorption:

Test results according to EN ISO 354.



- Akusto One Ø592, 48 mm o.d.s.
- ···· Akusto One Ø792, 48 mm o.d.s.
- --- Akusto One Ø1192, 48 mm o.d.s. o.d.s = overall depth of system



Frequency Hz

- Akusto One 592x592, 48 mm o.d.s.
- Akusto One 1192x292, 48 mm o.d.s.
- --- Akusto One 1192x592, 48 mm o.d.s. o.d.s = overall depth of system

Frequenc	yТ	Π.

	THK	o.d.s. mm		A _{eq} , Ed	quivalent absorp	otion area per uni	t (m² sabin)	
	mm	0.u.s. IIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Ø592	40	48	0.0	0.2	0.5	0.6	0.4	0.4
Ø792	40	48	0.1	0.4	0.8	0.8	0.7	0.6
Ø1192	40	48	0.3	0.9	1.5	1.6	1.4	1.4

	THK	a d a 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
592×592	40	48	0.1	0.3	0.6	0.6	0.5	0.5
1192×292	40	48	0.1	0.3	0.6	0.6	0.5	0.5
1192x592	40	48	0.2	0.6	1.0	1.1	1.0	0.9



Indoor Air Quality

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







Cradle to Cradle Certified®



Akusto products with Akutex FT surface are Cradle to Cradle Certified® at Bronze level (version 4.0).



Material Health

Akusto products with Akutex FT surface have 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
Akusto One - Akutex FT	7,59
Akusto One - Texona	9,42

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



Circularity

Minimum post-consumer recycled content	61%
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 ETV to a TTO2.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.



Cleanability

Daily dusting, vacuum cleaning and weekly wet wiping (Akutex FT surface). Weekly dusting and vacuum cleaning (Texona) as required.



Accessibility

The tiles are easily demountable except glued installation see quantity specification.



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	,
Akusto One/Akutex FT	3,5	
Akusto One/Texona	3,6	
Akusto Freedom	3,5	

Weight information is indicative and subject to variation.



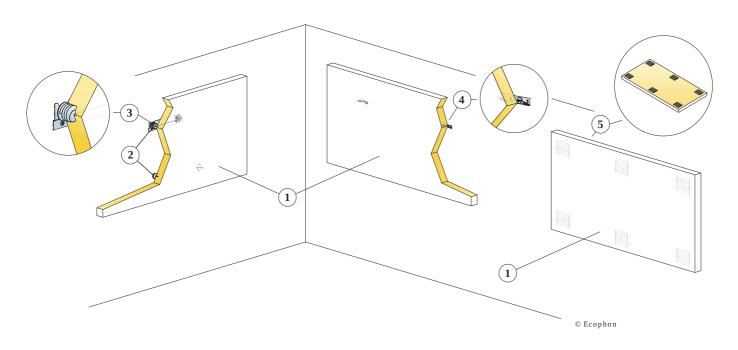
Mechanical properties

No additional live load is allowed.

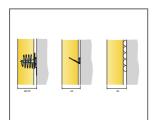


CE

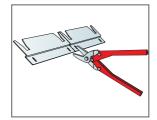
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



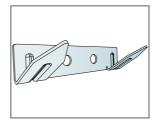
	Size, mm	Size, mm		
	592×592	1192×292	1192×592	
Akusto One	2,8/m²	2,8/m²	1,4/m²	
Alt. 1 Connect One trim (wall distance included)	0,5/panel	1/panel	1/panel	
Alt. 1 Connect Absorber Anchor One	2/panel	2/panel	2/panel	
Alt. 2 Connect One hook fixing	2/panel	2/panel	2/panel	
Alt. 3 Connect Absorber glue [0,25]/m² - 0,4]/m² depending on installation conditions]	as required	as required	as required	
Use Connect Notched spatula to apply the glue.		-	-	
Δ Min. overall depth of system: $\Delta 1$ 48 mm/70mm / $\Delta 2$ 44 mm The system is demountable		-	-	
Δ Min, overall depth of system: $\Delta 3$ 43 mm. The system is not demountable	-	-	-	



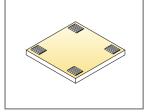
See Quantity specification



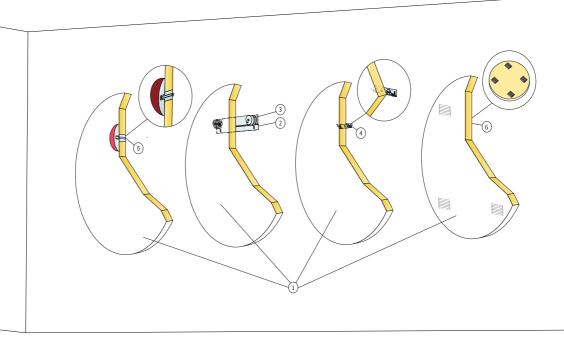
Connect One trim can be divided into two suspension trims



Connect One hook fixing

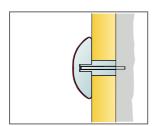


Application of glue

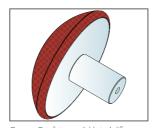


© Ecophon

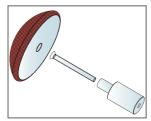
	Size, mm	Size, mm		
	Ø592	Ø792	Ø1192	
Akusto One	3,5/m²	2/m²	0,9/m²	
Alt. 1 Connect One trim (wall distance included)	0,5/panel	1/panel	1/panel	
Alt. 1 Connect Absorber Anchor One	2/panel	2/panel	2/panel	
Alt. 2 Connect One hook fixing	2/panel	2/panel	2/panel	
Alt. 3 Connect One fixing	1/panel	1/panel	1/panel	
Alt. 4 Connect Absorber glue $[0,25\ l/m^2 \cdot 0,4\ l/m^2$ depending on installation conditions)	as required	as required	as required	
Use Connect Notched spatula to apply the glue.	-	-	-	
Δ Min. overall depth of system: Δ 1 48 mm/70mm / Δ 2 44 mm / Δ 3 40mm The system is demountable	-	-	-	
Δ Min. overall depth of system: Δ 4 43 mm. The system is not demountable	-	-	-	



See Quantity specification



Connect One fixing available in 4 different colours

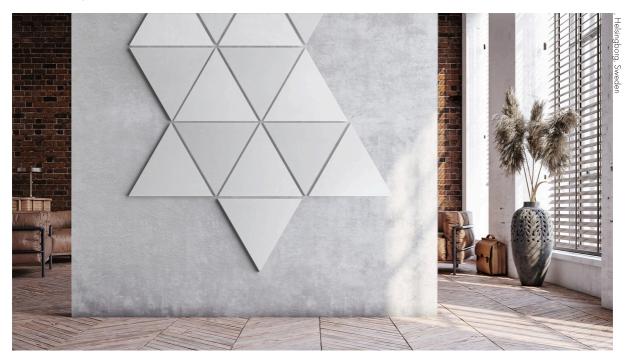


Installation with Connect One fixing



Ecophon Akusto™ Triangle

Ecophon Akusto™ Triangle is a triangle shaped wall panel, offering possibility for endless wall patterns. Mounting the panel onto a wall is easy. Use glue for quick direct fix or use Connect One Trim that has two different distance choices enabling 3-dimensional patterns.



SYSTEM RANGE

40	Size, mm	513x592
	Special Fixing	•
	Thickness	40
	Inst. Diagr.	M585



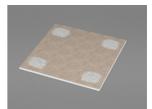
Akusto Triangle panel



Installation with Connect™ One trim and Connect™ Absorber Anchor One



Installation with Connect™ One hook fixing



Installation with Connect™ Absorber glue

Acoustic

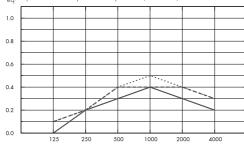


The values in the diagram refer to a single unit.

Sound Absorption:

Based on test results according to EN ISO 354.

A_{eqr} Equivalent absorption area per unit (m² sabin)



Frequency Hz

- Akusto Triangle, 43 mm o.d.s
- --- Akusto Triangle, 48 mm o.d.s
- ···· Akusto Triangle, 70 mm o.d.s
- o.d.s = overall depth of system

THK	o.d.s. mm		A _{eq′}	Equivalent absor	ption area per unit (n area per unit (m² sabin)		
mm	0.0.3. 111111	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	
40	43	0.0	0.2	0.3	0.4	0.3	0.2	
40	48	0.1	0.2	0.4	0.4	0.4	0.3	
40	<i>7</i> 0	0.1	0.2	0.4	0.5	0.4	0.3	

Indoor Air Quality

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







Cradle to Cradle Certified®



Akusto products with Akutex FT surface are Cradle to Cradle Certified® at Bronze level (version 4.0).



Material Health

Akusto products with Akutex FT surface have 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.



Circularity

Minimum post-consumer recycled content	60%
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	Holl composible decording to ETV100 TT02.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.



Cleanability

Akutex FT: Daily dusting and vacuum cleaning. Weekly wet wiping. Advantage surface, weekly dusting and vacuum cleaning. For more info see colours and surfaces on www.ecophon.com/uk



Accessibility

The tiles are easily demountable except glued installation see quantity specification.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification. Rendered surfaces must have sufficient strength to be able to carry the load imposed by the tiles. If doubts, test gluing should be carried out. The surface should always be dry and clean. For best result the surface should be even, however an acceptable result could be achieved on slightly uneven surfaces.



System weight

	kg/m²	Weight information is indicative and subject to variatio			
Akusto Triangle	3,5				



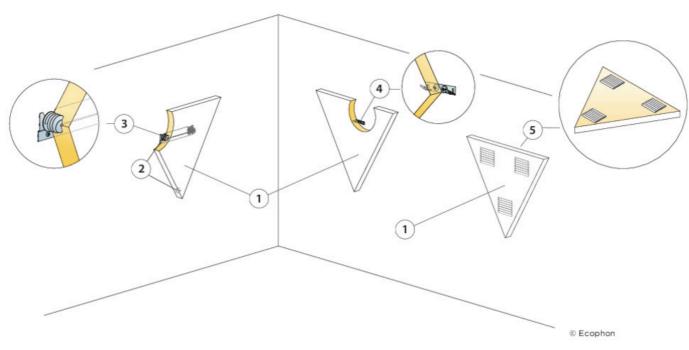
Mechanical properties

No additional live load is allowed.

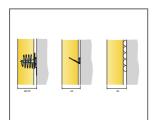


CE

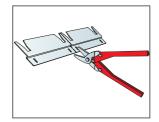
Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



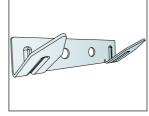
		Size, mm
		513×592
l Akus	sto Triangle	3,2/m²
2 Alt. 1	1 Connect One trim (wall distance included)	0,5/panel
Alt. 1	1 Connect Absorber Anchor One	2/panel
Alt. 2	2 Connect One hook fixing	2/panel
Alt. 3	3 Connect Absorber glue $(0.25 l/m^2 - 0.4 l/m^2$ depending on installation conditions)	as required
Use	Connect Notched spatula to apply the glue.	-
ΔΜ	lin. overall depth of system: $\Delta 1$ 48 mm/70mm / $\Delta 2$ 44 mm The system is demountable	-
ΔΜ	lin. overall depth of system: $\Delta 3$ 43 mm. The system is not demountable	-



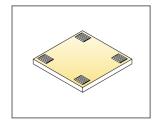
See Quantity specification



Connect One trim can be divided into two suspension trims



Connect One hook fixing



Application of glue



Ecophon Akusto™ Hexagon

Ecophon Akusto™ Hexagon is a hexagon shaped wall panel, offering the possibility for endless wall patterns. Mounting the panel onto a wall is easy. Use glue for quick direct fix or use Connect One Trim that has two different distance choices enabling 3-dimensional patterns.



SYSTEM RANGE

40 T8	Size, mm	513x592
	Special Fixing	•
	Thickness	40
	Inst. Diagr.	M586



Akusto Hexagon panel



Installation with Connect™ One trim and Connect™ Absorber Anchor One



Installation with Connect™ One hook fixing



Installation with Connect™ Absorber glue

Acoustic

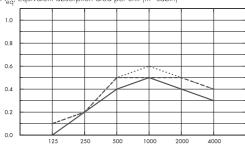


The values in the diagram refer to a single unit.

Sound Absorption:

Based on test results according to EN ISO 354.

 $A_{\rm eqr} \,\, \overline{\text{Equivalent absorption area per unit (m² sabin)}}$



- Akusto Hexagon, 43 mm o.d.s
- --- Akusto Hexagon, 48 mm o.d.s
- ···· Akusto Hexagon, 70 mm o.d.s
- o.d.s = overall depth of system

	THK	o.d.s. mm		A _{eq} , Equivalent absorption area per unit (m² sabin)						
mm	O.a.s. IIIIII	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz			
	40	43	0.0	0.2	0.4	0.5	0.4	0.3		
	40	48	0.1	0.2	0.5	0.5	0.5	0.4		
,	40	70	0.1	0.2	0.5	0.6	0.5	0.4		

Frequency Hz

Indoor Air Quality

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







Cradle to Cradle Certified®



Akusto products with Akutex FT surface are Cradle to Cradle Certified® at Bronze level (version 4.0).



Material Health

Akusto products with Akutex FT surface have received a C2C Certified Material Health Certificate™ at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate™ is a verification of the health and safety of a product's composition using the Material Health requirements of the Cradle-to-Cradle Certified Product Standard.



Circularity

Minimum post-consumer recycled content	60%
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	Holl composible decording to ETV100 TT02.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.



Cleanability

Akutex FT: Daily dusting and vacuum cleaning. Weekly wet wiping. Advantage surface, weekly dusting and vacuum cleaning. For more info see colours and surfaces on www.ecophon.com/uk



Accessibility

The tiles are easily demountable except glued installation see quantity specification.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification. Rendered surfaces must have sufficient strength to be able to carry the load imposed by the tiles. If doubts, test gluing should be carried out. The surface should always be dry and clean. For best result the surface should be even, however an acceptable result could be achieved on slightly uneven surfaces.



System weight

kg/m²		Weight information is indicative and subject to variation.			
Akusto Hexagon	3,5				



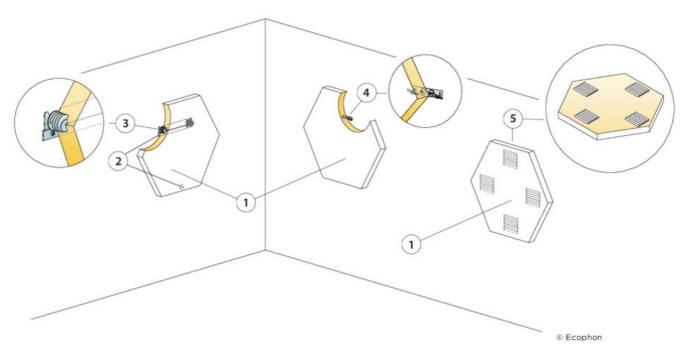
Mechanical properties

No additional live load is allowed.

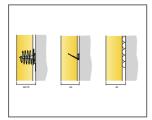


CE

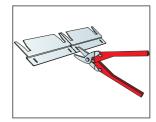
Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.



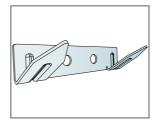
	Size, mm
	513x592
Akusto Hexagon	3,2/m²
Alt. 1 Connect One trim (wall distance included)	0,5/panel
Alt. 1 Connect Absorber Anchor One	2/panel
Alt. 2 Connect One hook fixing	2/panel
Alt. 3 Connect Absorber glue (0,25 1/m² - 0,4 1/m² depending on installation conditions)	as required
Use Connect Notched spatula to apply the glue.	
Δ Min. overall depth of system: $\Delta 1$ 48 mm/70mm / $\Delta 2$ 44 mm The system is demountable	
Δ Min. overall depth of system: $\Delta 3$ 43 mm. The system is not demountable	



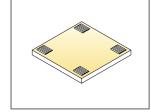




Connect One trim can be divided into two suspension trims



Connect One hook fixing



Application of glue

Ecophon Akusto™ Screen

Ecophon AkustoTM Screen has an exposed profile system. The size of the product is 1500 x 1200mm, thickness 40 mm. Available in Texona surface. Suitable for open space offices. Combined with a sound absorbing ceiling to achieve excellent acoustic properties in the room.



SYSTEM RANGE

Size, mm	1500x1200
Freestanding	•
Thickness	40
Inst. Diagr.	M526

© Saint-Gobain Ecophon AB Ecophon AB Ecophon AkustoTM Screen, 2024-11-22







Akusto Floor foot

Akusto Floor corner

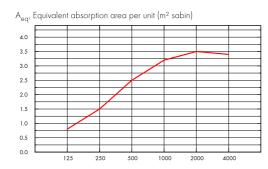
Akusto Screen system

Acoustic



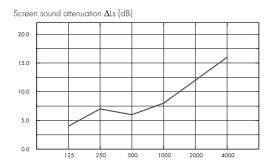
Sound Absorption:

Sound absorption and sound attenuation test results according to ISO 20189.



Akusto Screen, size 1500x1200 mm

Frequency Hz



- Akusto Screen, size 1500x1200 mm

Frequency Hz

	THK		$A_{eq'}$	Equivalent absor	ption area per unit	(m² sabin)	
	mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1500x1200	40	0.8	1.5	2.5	3.2	3.5	3.4

	THK		Scr	een sound (attenuation Δ	Weighted screen sound attenuation (dB)		
mr	mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	vveignied scieeri sound diienudiiori (db)
1500x1200	40	4.0	7.0	6.0	8.0	12.0	16.0	10.0

Indoor Air Quality



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





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Circularity

Minimum post-consumer recycled content	48%*	*this value does not take into account the aluminium frame		
Recyclability	Fully recyclable			



Humidity Resistance

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



Visual appearance

Texona in white has high light reflectance. For more information regarding visual appearance of the various surfaces: See Ecophon Colours and surfaces.



Cleanability

Weekly dusting and vacuum cleaning.



Use of disinfectants

Texona Ginger, Sea salt, Thyme, Oyster and Garlic withstand the frequent use of ethanol (70%)-based disinfectants. Dampen a soft polyester microfiber cloth with the solution and wipe the surface in gentle circular movements.



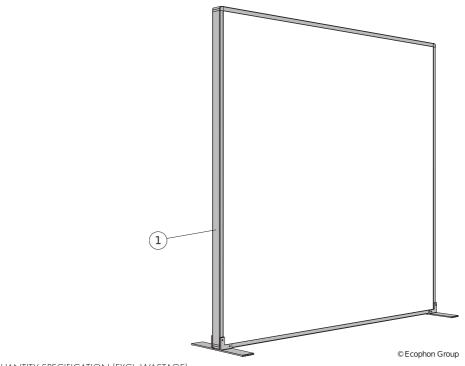
Installation

Installed according to the installation guide that is delivered with the product.



Mechanical properties

The product is tested according to EN14073-2 and EN1023.



		Size, mm
		1500×1200
1	Akusto Screen	