

ECOPHON

SOLO™

EXPERIENCING FREEDOM OF EXPRESSION



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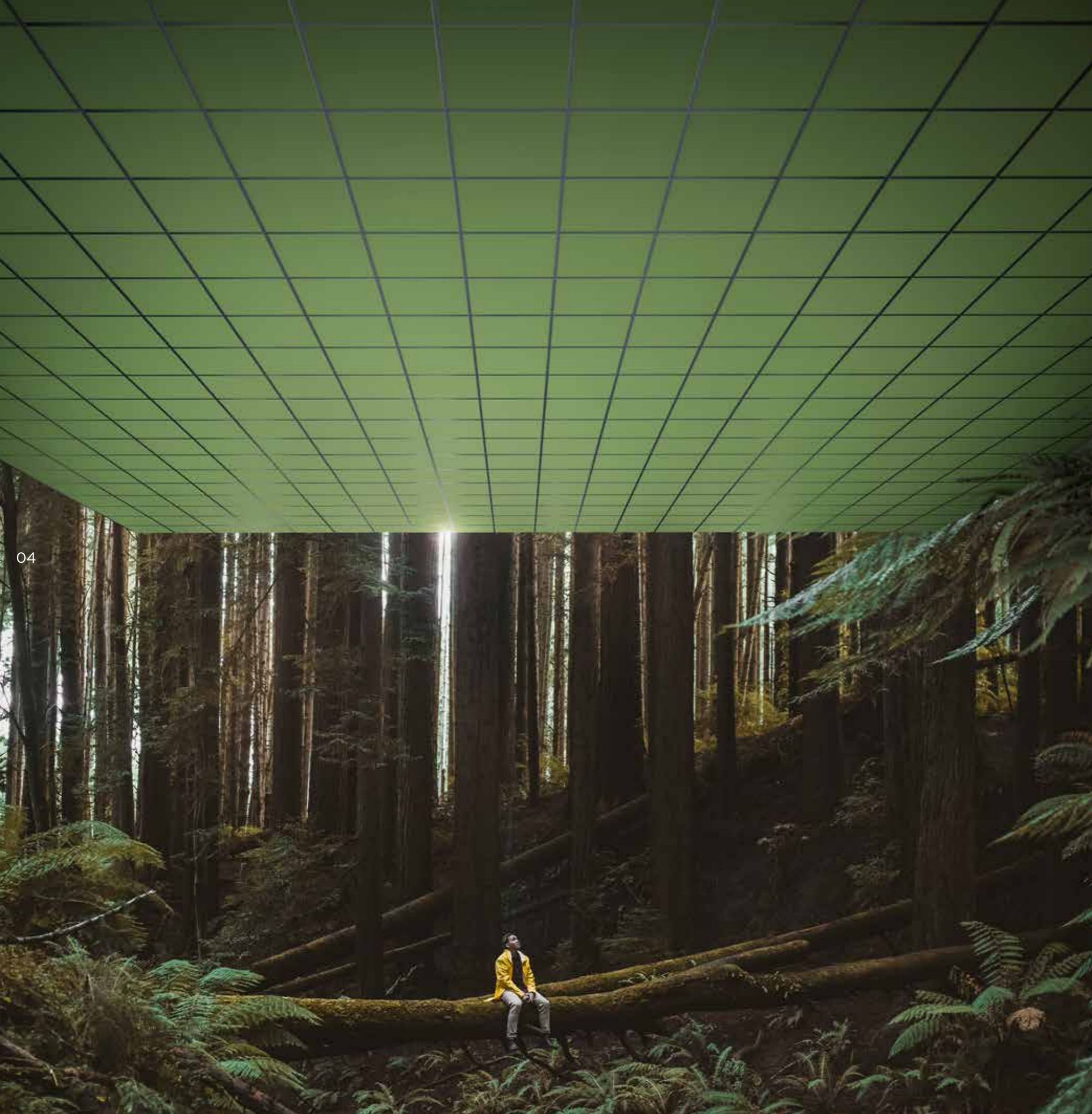
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Acoustics, technical properties
and installation diagrams

This publication shows products from Ecophon product range and those of other suppliers. The specifications are intended to provide a general guide to which products are most suitable for the preferences indicated. Technical data is based on results obtained under typical testing conditions or long experience in normal conditions. The specified functions and properties for products and systems are only valid on condition that instructions, installation diagrams, installation guides, maintenance instructions and other stated conditions and recommendations have been taken into consideration and followed. Deviation from this, such as changing specific components or products, will mean that Ecophon cannot be held responsible for the function, consequences and properties of the products. All descriptions, illustrations and dimensions contained in this brochure represent general information and shall not form part of any contract. Ecophon reserves the right to change products without prior notice. We disclaim any liability for misprints. For the latest information go to www.ecophon.com or contact your nearest Ecophon representative.





A SOUND EFFECT

ON PEOPLE

Saint-Gobain Ecophon contributes to good indoor environments for working, healing and learning. We do this by developing, manufacturing and delivering acoustic products and systems designed around the natural evolution of human hearing - replicating the outdoor sound experience indoors, because that's just better for people.

Having a sound effect on people, in every way we can, is what we do proudly. That promise makes every one of us a passionate advocate for the importance of room acoustics to people's wellbeing - whatever the space, activity or need.

GOOD ACOUSTICS MATTER EVERYWHERE

06 The importance of acoustics is underappreciated. Sound impacts us in daily life, and the scientific support for improving our indoor sound environments is well-documented.

And what exactly is an ideal indoor sound environment for people? One based on how we experience sound outside. The human auditory sense is naturally adapted to an outdoor environment where there is not any sound reflections from ceilings and walls.

That's why most of what we do at Ecophon is about replicating the acoustic qualities found in nature for indoor environments. We want to optimise indoor spaces to our natural way of hearing, so that speech and sound is easy to hear and understand, when needed, improving performance and wellbeing.

Usually that starts with the ceiling. A wall-to-wall acoustic ceiling is the easiest way to get a large sound-absorbing surface area into a space, and is usually the best way to reduce sound strength, shorten reverberation times, and increase speech clarity and overall hearing comfort.





TOWARDS

NET-ZERO ACOUSTICS

Sustainability is more than a word – it’s a collective movement to protect people and the planet that requires honest commitment and genuine care. That’s why Ecophon is building on better materials, transparency, and principles, to name just a few.

We actively support an industry-wide drive to standardized, easy-access Environmental Product Declarations for individual products, rather than product families. Their inclusion of full lifecycle data, from raw material sourcing to end of life, rather than only the favorable stages. A move away from self-declared labels, or non-independently verified sustainability claims. And for any promises of net zero carbon emission targets to be validated by the Science-Based Targets initiative.

If we’re going to build a sustainable future, it has to start with an honest approach, high ambition and the best of intentions – to build on better together.

ECOPHON SOLO™

EXPERIENCING FREEDOM OF EXPRESSION

The ever on-point trend Ecophon Solo™ allows freedom of design and opportunity to create striking new expressions. The free-hanging panels and system are all 40 mm thick and come in all the shapes, colours and sizes you need to fulfil your artistic ideas.

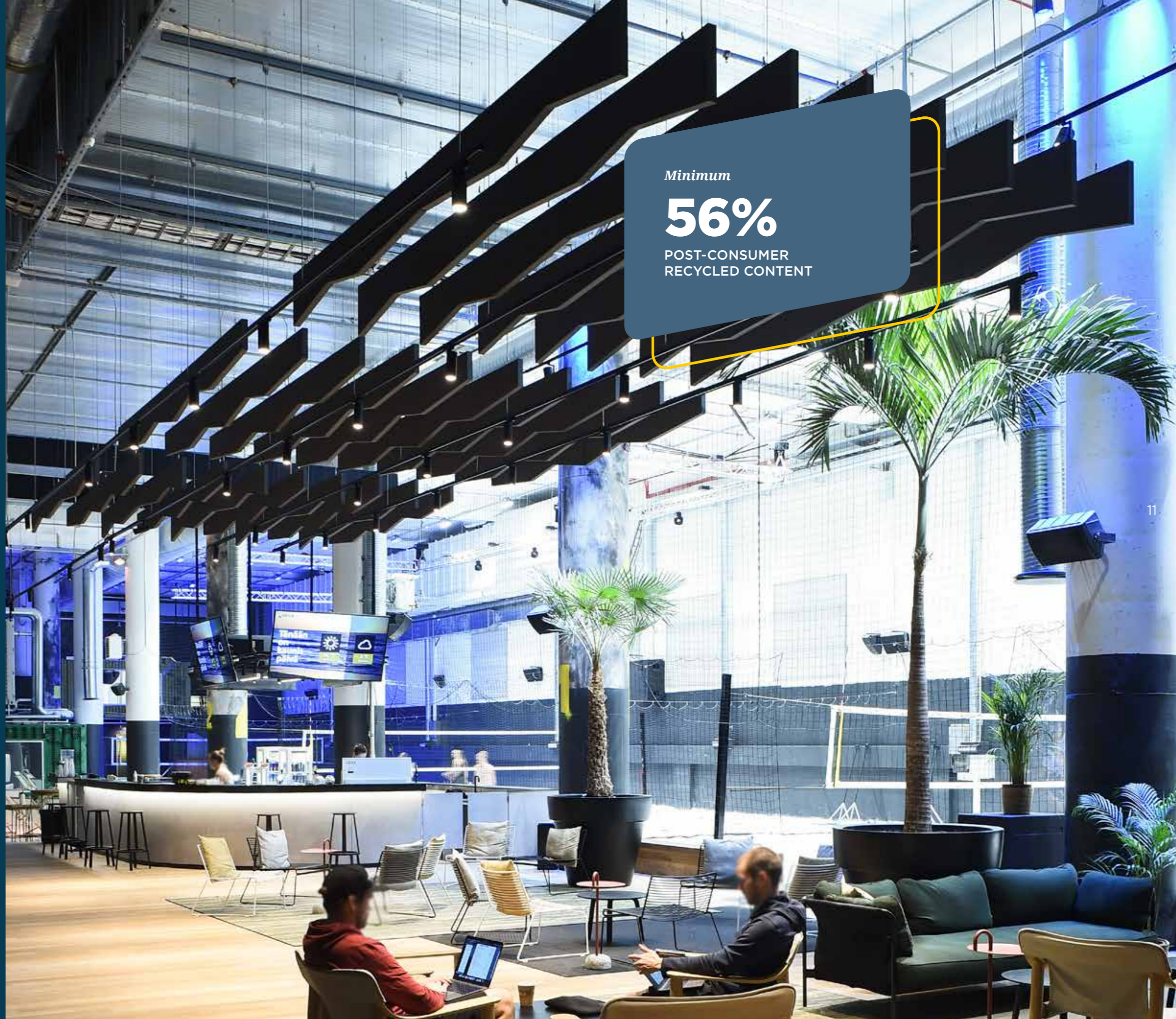
- Superior acoustic qualities
- Available in a wide range of shapes
- Freedom of design with numerous colours, sizes and surface choices

Solo is well-suited to projects where a wall-to-wall solution is not an option, undesired or in need of improvement. Think lobbies, atriums, historic buildings, restaurants or shopping centres, among others. Hanging Ecophon Solo units directly over work areas, receptions and information counters, as well as other strategic points throughout the space, can improve speech, hearing and acoustic comfort considerably.

Minimum

56%

POST-CONSUMER
RECYCLED CONTENT



ECOPHON SOLO™ PRODUCT RANGE

With Solo you can choose between a variety of shapes, sizes and colours, create your own unique Solo shape with Solo Freedom or explore the design features of Solo Textile.

Hanging from the ceiling, baffles can be used to form distinct lines, rolling waves or zig-zaggy patterns. Mounted on walls, they add interesting contours and depth to any space. It is just as easy to mount as it is pleasing to look at.

Add perfection to your free hanging installation by using Solo Matrix where the grid offer precision but keep the floating, free hanging impression.



SOLO SQUARE

1200x1200x40



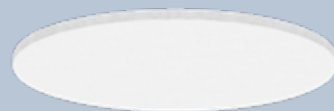
SOLO RECTANGLE

1800x1200x40
2400x600x40
2400x1200x40
3000x1200x40



SOLO CIRCLE

Ø 800x40
Ø 1200x40



SOLO CIRCLE XL

Ø 1600x40



SOLO FREEDOM

≤ 2400x1200x40



SOLO CLOUD

1200x553x40
2400x1106x40



SOLO ELLIPSE

2400x1000x40



SOLO TRIANGLE

1039x1200x40



SOLO PENTAGON

1139x1198x40



SOLO HEXAGON

1040x1200x40



SOLO BAFFLE

1200x200x40
1200x300x40
1200x600x40
1800x200x40
1800x300x40
1800x600x40



SOLO BAFFLE WAVE

1800x300x40
1800x600x40



SOLO BAFFLE ZIGZAG

1800x300x40
1800x600x40



SOLO BAFFLE WALL

1200x200x40
1200x300x40



SOLO MATRIX

MODULES:
600x1200x40
600x2400x40
1200x1200x40
2400x1200x40

ROWS:
600x1040x40
1200x1040x40
2400x1040x40



SOLO TEXTILE

1200x1200x40

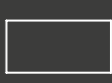




SOLO SQUARE
 Design possibilities with colours and three different suspension system to choose from.

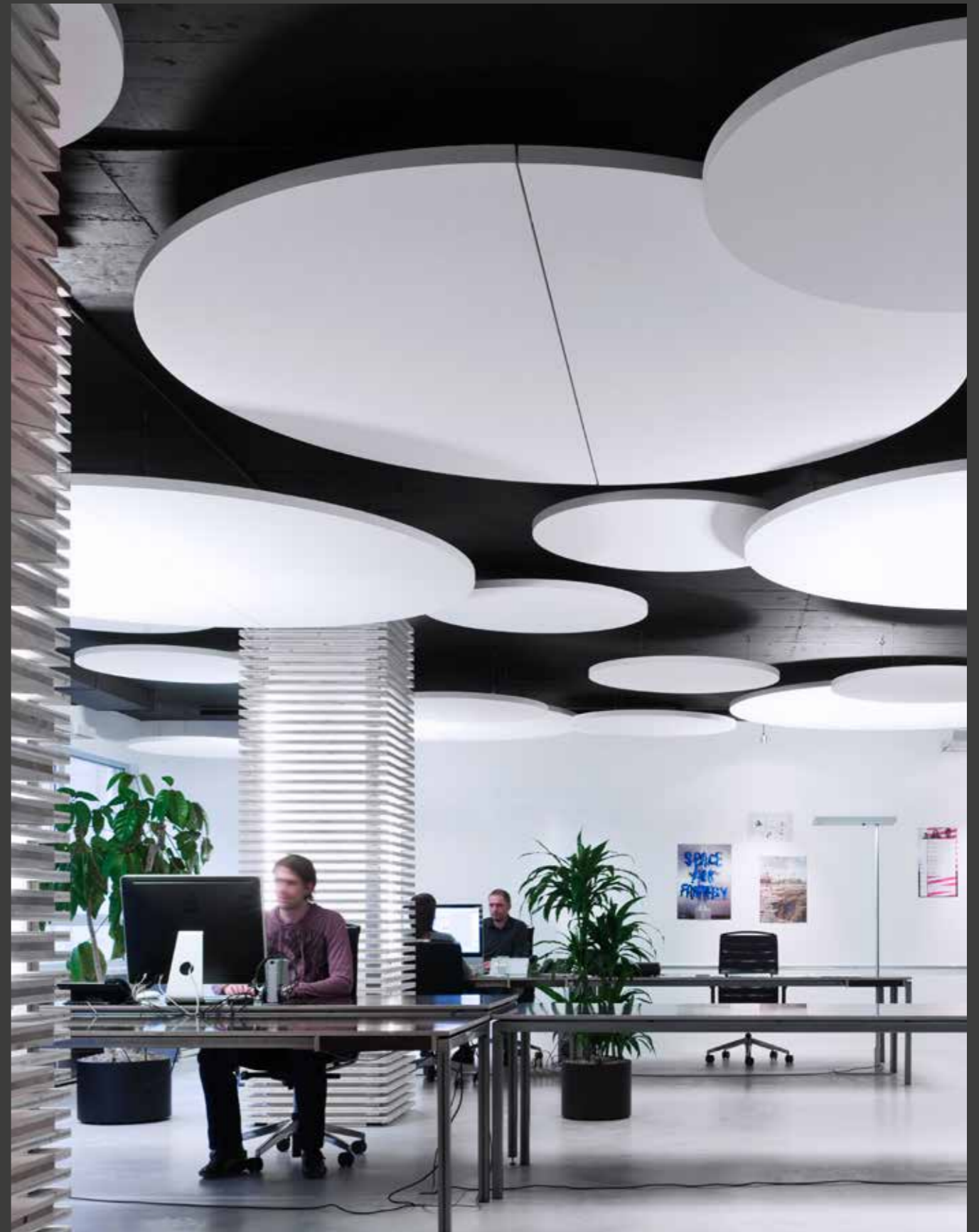


SOLO RECTANGLE
 Design possibilities with large sizes and colours. Three different suspension system to choose from.





SOLO CIRCLE
Design possibilities with colours and three different suspension system to choose from.



SOLO CIRCLE XL
Design possibilities with colours. A large Circle consisting of two semicircles.





SOLO TEXTILE

A panel with elegance, fully covered in textile. Available in colours.



SOLO CLOUD

Design possibilities with colors and two standard sizes to chose from.



SOLO FREEDOM

Custom shaped panels, design possibilities with colors



SOLO ELLIPSE

Design possibilities with colors.





SOLO TRIANGLE
Design possibilities with colors.



SOLO HEXAGON
Design possibilities with colors.



SOLO PENTAGON
Design possibilities with colors.



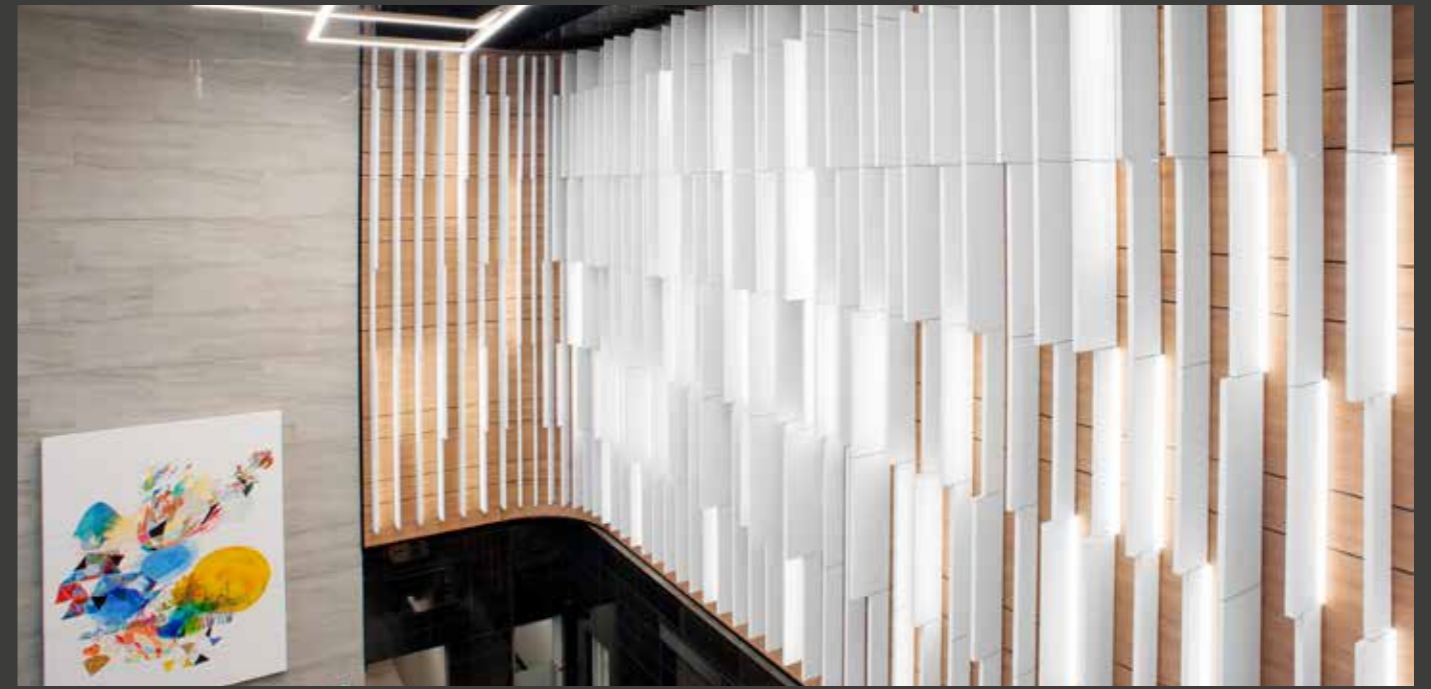
SOLO BAFFLE
Design possibilities with colours and different sizes in a vertical installation.





SOLO BAFFLE WAVE

A baffle shaped like a wave, design possibilities with colours.



SOLO BAFFLE WALL

Wall installation with design possibilities in different colours, add depths to any space.



SOLO BAFFLE ZIGZAG

A baffle shaped like zigzag, design possibilities with colours.



SOLO MATRIX

A vast range of design possibilities. Each panel has a built in hatch function, and can easily be demounted.



INSTALLATION METHODS

Ecophon Solo offers a variety of mounting methods to meet market requirements for different installations, both for wall and ceiling.

Enjoy freedom of expression with a variety of installation styles.



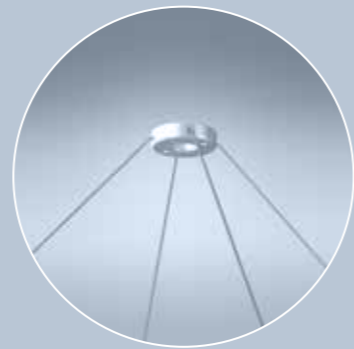
DIRECT INSTALLATION close to the soffit with Connect Absorber Bracket and Connect Absorber Anchor.

The brackets are available in adjustable lengths of 50-70 mm and 70-90 mm.



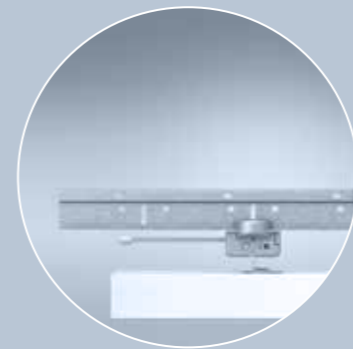
SUSPENDED WIRE INSTALLATION with Connect Adjustable Wire Hanger.

Suspended wire mounting can also be done with an angle of up to 45° and in multi-levels.



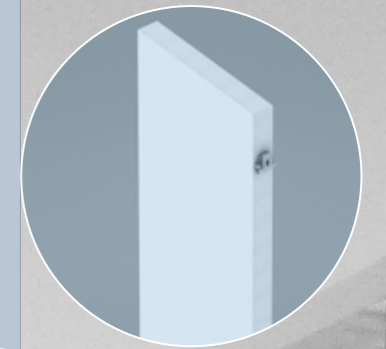
CONNECT ONE-POINT FIXING with Connect Absorber Anchor and Connect Adjustable Wire Hanger.

The installation has a discrete design and reduces the amount of fixations in the soffit.



SOLO MATRIX INSTALLATION can be done in modules or rows with Connect grid system. The pre-installed anchors and click-in connection to the grid system gives a free hanging design with the accuracy of a grid system.

The Connect Nonius Hangers is available in a range of different lengths.



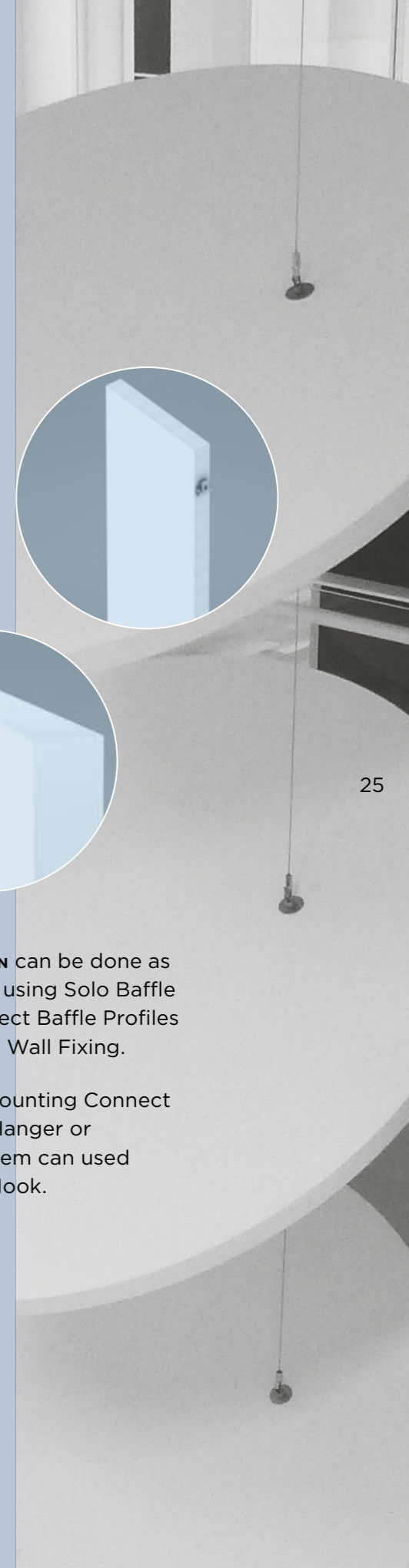
BAFFLE INSTALLATION can be done as direct installation using Solo Baffle Anchor and Connect Baffle Profiles or Connect Baffle Wall Fixing.

For suspended mounting Connect Adjustable Wire Hanger or Connect grid system can be used with Solo Baffle Hook.

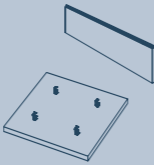
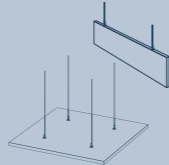
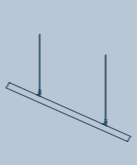
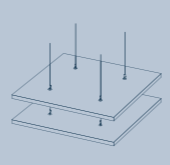
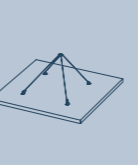
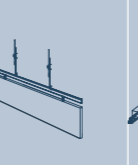
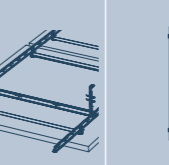


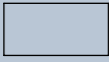
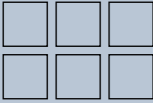









ECOPHON E-TOOLS

Ecophon offers several useful tools and services for the different phases of the building process, from inspiration to specific maintenance instructions for your Ecophon products.

Read more and try our E-tools at: www.ecophon.com



ECOPHON SOLO OVERVIEW

SHAPE	PRODUCT	SIZE (MM)	INSTALLATION METHODS								SURFACE	
			DIRECT	SUSPENDED WITH WIRE	SUSPENDED WITH WIRE, ANGLE ≤45°	SUSPENDED, WITH WIRE, MULTI-LEVEL	SUSPENDED WITH WIRE, ONE-POINT	SUSPENDED WITH CONNECT GRID	SUSPENDED IN CONNECT GRID	WALL		
												
	Ecophon Solo Square	1200x1200x40	•	•	•	•	•				Akutex FT	
	Ecophon Solo Rectangle	2400x600x40	•	•	•	•					Akutex FT	
		1800x1200x40	•	•	•	•						
		2400x1200x40	•	•	•	•	•					
		3000x1200x40		•								
	Ecophon Solo Matrix (Modules)	600x1200x40							•		Akutex FT	
		600x2400x40							•			
		1200x1200x40							•			
		2400x1200x40							•			
	Ecophon Solo Matrix (Rows)	600x1040x40							•			
		1200x1040x40							•			
		2400x1040x40							•			
	Ecophon Solo Circle	Ø 800x40	•	•	•	•					Akutex FT	
		Ø 1200x40	•	•	•	•	•					
	Ecophon Solo Circle XL	Ø 1600x40		•							Akutex FT	
	Ecophon Solo Freedom	≤2400x1200x40	•	•	•	•					Akutex FT	
	Ecophon Solo Cloud	1200x553x40 2400x1106x40	•	•	•	•					Akutex FT	
	Ecophon Solo Ellipse	2400x1000x40	•	•	•	•					Akutex FT	
	Ecophon Solo Triangle	1039x1200x40	•	•	•	•					Akutex FT	
	Ecophon Solo Pentagon	1139x1198x40	•	•	•	•					Akutex FT	
	Ecophon Solo Hexagon	10340x1200x40	•	•	•	•					Akutex FT	

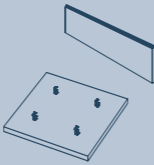
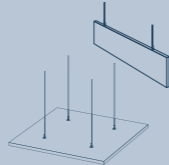
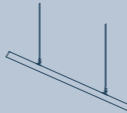
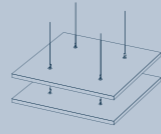
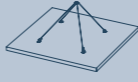
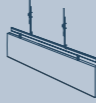
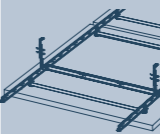

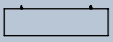






Ecophon Solo panels contribute to a healthy indoor environment with superior acoustic absorption, low VOC emissions in line with the strictest requirements, and a full chemical transparency with verified Health Product Declarations. The low environmental footprint of our Solo panels is third-party verified in Environmental Product Declarations.

The products do not contribute to fire and the glass wool core of the Solo tiles is tested and classified as non-combustible according to EN ISO 1182. Fire classification according to EN 13501-1, see Technical Properties on respectively product.

NOTE
More product and system information such as installation help and sustainability documentation can be found at www.ecophon.com

ECOPHON SOLO OVERVIEW

SHAPE	PRODUCT	SIZE (MM)	INSTALLATION METHODS								SURFACE
			DIRECT	SUSPENDED WITH WIRE	SUSPENDED WITH WIRE, ANGLE $\leq 45^\circ$	SUSPENDED, WITH WIRE, MULTI-LEVEL	SUSPENDED WITH WIRE, ONE-POINT	SUSPENDED WITH CONNECT GRID	SUSPENDED IN CONNECT GRID	WALL	
											
	Ecophon Solo Baffle	1200x200x40	•	•				•			Akutex FT
		1200x300x40	•	•				•			
		1200x600x40	•	•				•			
		1800x200x40	•	•				•			
		1800x300x40	•	•				•			
		1800x600x40	•	•				•			
	Ecophon Solo Baffle Wave	1800x300/200x40	•	•				•			Akutex FT
		1800x600/300x40	•	•				•			
	Ecophon Solo Baffle ZigZag	1800x300/200x40	•	•				•			Akutex FT
		1800x600/300x40	•	•				•			
	Ecophon Solo Baffle Wall	1200x200x40								•	Akutex FT
		1200x300x40								•	
	Ecophon Solo Textile	1200x1200x40	•	•							Ecophon Solo Textile



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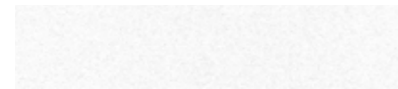
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NOTE
More product and system information such as installation help and sustainability documentation can be found at www.ecophon.com

COLOURS AND SURFACES

AKUTEX™ FT

The Akutex label guarantees that the product carrying it has a superior surface technology. Our research and development will always focus on visual aspects, acoustic properties, working environment, architectural trends and environmental aspects. This ensures that Akutex is always one step ahead.



WHITE FROST
Nearest NCS colour sample S 0500-N.
Light reflectance 85%.



OCEAN STORM
Nearest NCS colour sample S 4020-R90B.
Light reflectance 24%.



MORNING DRIZZLE
Nearest NCS colour sample S 1002-B.
Light reflectance 69%.



VOLCANIC ASH
Nearest NCS colour sample 2002-Y.
Light reflectance 56%.



MOONLIGHT SKY
Nearest NCS colour sample S 7020-R90B.
Light reflectance 7%.



CLOUDY DAY
Nearest NCS colour sample S 1500-N.
Light reflectance 62%.



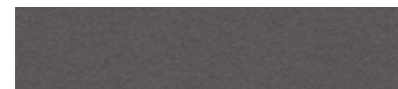
SILVER STONE
Nearest NCS colour sample S 4502-Y.
Light reflectance 29%.



GOLDEN FIELD
Nearest NCS colour sample S 1040-G90Y.
Light reflectance 61%.



PEACH ROSE
Nearest NCS colour sample S 1515-Y80R.
Light reflectance 55%.



SILK SLATE
Nearest NCS colour sample S 7000-N.
Light reflectance 13%.



SUNSET HEAT
Nearest NCS colour sample S 2070-Y60R.
Light reflectance 20%.



HIGHLAND FOG
Nearest NCS colour sample S 2005-G.
Light reflectance 55%.



GOJI BERRY
Nearest NCS colour sample S 3030-Y80R.
Light reflectance 27%.



RUBY ROCK
Nearest NCS colour sample S 4050-R10B.
Light reflectance 7%.



SAGE GARDEN
Nearest NCS colour sample S 3010-B30G.
Light reflectance 40%.



SILENT STEAM
Nearest NCS colour sample S 2010-B.
Light reflectance 45%.



EUCALYPTUS LEAF
Nearest NCS colour sample S 5010-B30G.
Light reflectance 23%.



FRESH CLOVER
Nearest NCS colour sample S 3020-G40Y.
Light reflectance 35%.



SCALLOP SHELLS
Nearest NCS colour sample S 0804-Y50R.
Light reflectance 76%.



SUMMER FOREST
Nearest NCS colour sample S 6030-G10Y.
Light reflectance 10%.



WET SAND
Nearest NCS colour sample S 3020-Y30R.
Light reflectance 35%.



DARK DIAMOND
Nearest NCS colour sample S 9000-N.
Light reflectance 4%.

NOTE
Colours may vary slightly between different production batches.
Reproduction of colours vary between print and reality.

ECOPHON TEXTILE

Ecophon Textile gives you the ability to create good acoustics that look at once understated and eye catching. The subtle pattern is made from a high-quality knitted material using the pique technique. It's characterised by a texture of fine ribbing, giving it a soft glow when light shines on the surface.



PEACEFUL
Nearest NCS colour sample S 3010-G80Y.
Light reflectance 37%.



GENUINE
Nearest NCS colour sample S 7005-R80B.
Light reflectance 10%.



CURIOUS
Nearest NCS colour sample S 3030-B.
Light reflectance 29%.



FEARLESS
Nearest NCS colour sample S 9000-N.
Light reflectance 2%.



CONFIDENT
Nearest NCS colour sample S 6020-R90B.
Light reflectance 9%.



PASSIONATE
Nearest NCS colour sample S 2030-R20B.
Light reflectance 33%.

NOTE
Limited colour variation may occur between batches.
Ecophon Textile fabrics have been designed for long durability, regular dusting according to Ecophon specifications and limited exposure to direct UVs are recommended to increase the lifespan of the products. Reproduction of colours vary between print and reality.

Acoustic ceiling products is amongst the largest surface in a room. It will affect not only the entire look and feel of the interior, but also the end-users' wellbeing. Ecophon has developed different types of surfaces and in different colours to suit most types of environments.



SYSTEM

PROPERTIES

ACOUSTICS, TECHNICAL PROPERTIES AND INSTALLATION DIAGRAMS

- 34 Solo Square
- 36 Solo Rectangle
- 38 Solo Circle
- 40 Solo Circle XL
- 42 Solo Freedom
- 44 Solo Cloud
- 46 Solo Ellipse
- 48 Solo Triangle
- 50 Solo Pentagon
- 52 Solo Hexagon
- 54 Solo Baffle
- 56 Solo Baffle Wave
- 58 Solo Baffle ZigZag
- 60 Solo Baffle Wall
- 62 Solo Matrix
- 64 Solo Textile





Ecophon is the leading supplier of indoor acoustic solutions that improve working performance and quality of life. We believe in the difference sound can make to our everyday lives, and are passionate advocates for the importance of room acoustics to people's wellbeing - whatever the space, activity or need.

Having a sound effect on people is the principle that guides all we do. We're proud of the Swedish heritage and human approach that promise is founded on. Our uncompromising commitment to transparent sustainable practice. And, as members of the Saint-Gobain Group, to be doing our part in making the world a better home.