



ECOPHON
SUPER G™

When conditions are tough

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.



Table of contents

Good acoustics matter everywhere	6
Ecophon Super G™	8
Ecophon Super G™ product range	10
Ecophon Super G™ overview	11
Products Systems and properties	14
Towards net-zero acoustics.....	22

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Good acoustics matter everywhere

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

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.



ECOPHON **SUPER G™**

When conditions are tough

High demands for impact resistance do not have to compromise acoustic performance. Super G offers system options tailored to both room activity levels and impact-resistance requirements.

Ecophon Super G™ provides high-performance sound absorption in environments exposed to mechanical impact. It is an ideal choice for school corridors, sports halls, and other activity-rich spaces. The robust systems maintain a low overall weight, which supports efficient handling and straightforward installation.

- Class A sound absorption
- Impact resistance grading between 1A-3A
- Both grid installations and direct fixing
- Light weight for easy handling



Product range

ECOPHON SUPER G™

Super G offers solutions for environments that demand extra robust sound-absorbing systems. The range includes suspended wall-to-wall ceilings as well as direct-fixing options using screws or adhesive for a quick and efficient acoustic upgrade.

Ecophon Super G™ Plus A is designed for spaces where maximum impact resistance is essential. The system features a durable, recessed-profile grid and is classified as 1A, ensuring high protection against repeated mechanical impact.

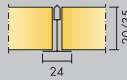
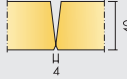
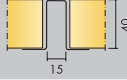
Impact resistance

Super G systems are tested and classified for impact resistance according to EN 13964.

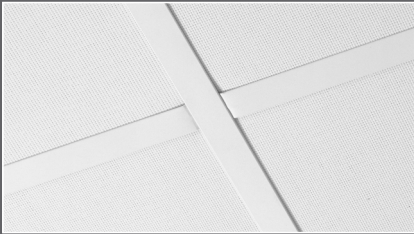
- 1A** High velocity sport halls such as hand ball or tennis courts.
- 2A** Where low energy ball games take place such as volley ball or soft ball.
- 3A** Where low levels of impact resistance is needed such as corridors in schools or day care centres.

The strong woven fabric surface combined with premium edges results in a robust and impact resistant panel of superior quality.

ECOPHON SUPER G™ OVERVIEW

Edge design	Product	Size (mm)	Impact resistance class*	Connect grid
	Ecophon Super G™ A	600x600x20 1200x600x20	3A	T24
		600x600x35 1200x600x35	2A	
	Ecophon Super G™ B	600x600x40	1A	Direct fixing glue or screws
	Ecophon Super G™ Plus A	1200x600x40	1A	Special Fixing

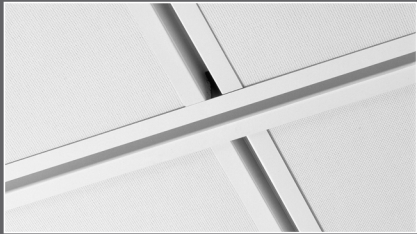
* According to EN 13964



Super G A



Super G B



Super G Plus A

Ecophon Super G

The Super G surface has been designed for environments where mechanical impact occurs. Super G is a glass fibre fabric with high impact resistance.



White 085
Light reflectance:
78%
Nearest NCS colour
sample S 1002-Y.

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

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



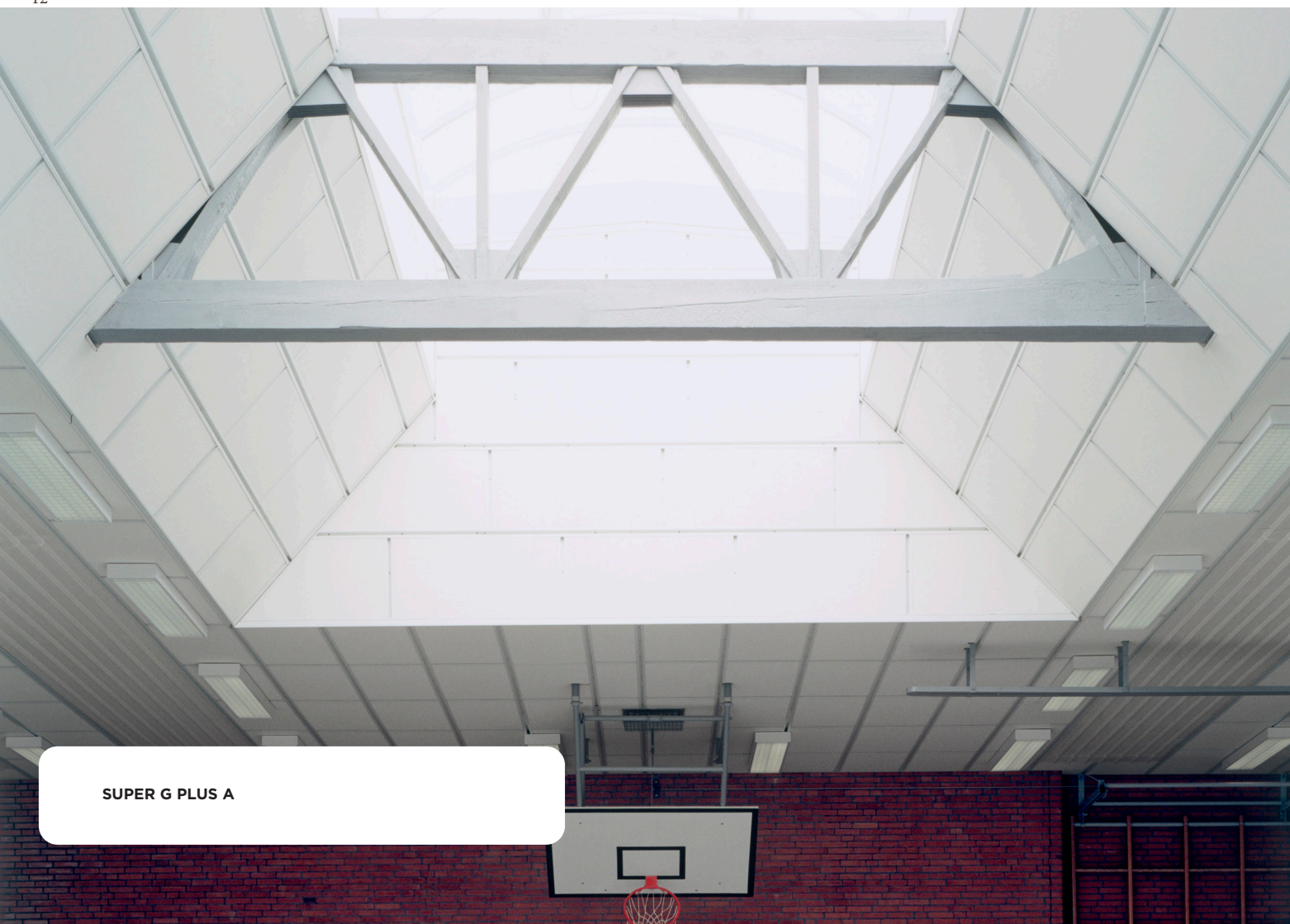
Ecophon Super G panels contribute to a healthy indoor environment with superior acoustic absorption, low VOC emissions in line with the strictest requirements, and a full chemical transparency with verified Health Product Declarations. The low environmental footprint of our Super G panels is third-party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

The products do not contribute to fire and the glass wool core of the Super G 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.



SUPER G A

12



SUPER G PLUS A



SUPER G B
 Photo: Tord-Rikard Söderström, Kockum Luttinger
 Söderström

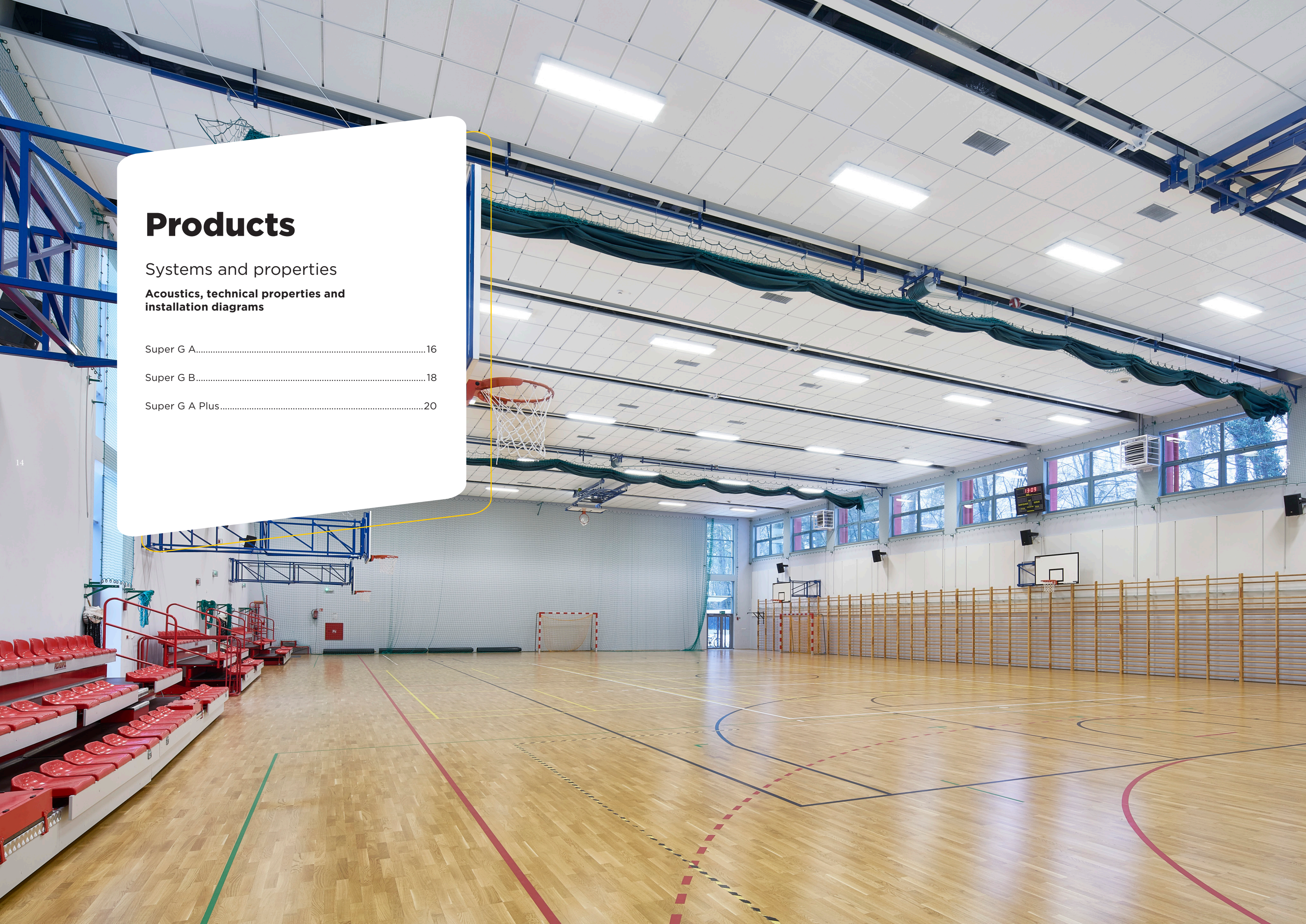
13

Products

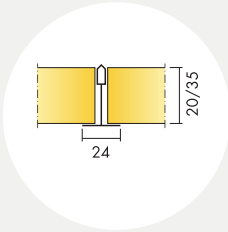
Systems and properties

Acoustics, technical properties and installation diagrams

Super G A.....	16
Super G B.....	18
Super G A Plus.....	20



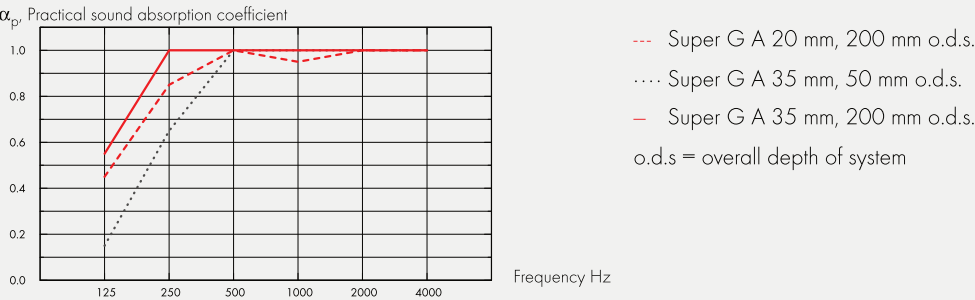
Ecophon Super G™ A



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.



THK mm	o.d.s. mm	α_p , Practical sound absorption coefficient						α_w	Sound absorption class
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
20	200	0.45	0.85	1.00	0.95	1.00	1.00	1.00	A
35	50	0.15	0.65	1.00	1.00	1.00	1.00	0.95	A
35	200	0.55	1.00	1.00	1.00	1.00	1.00	1.00	A

	THK mm	o.d.s. mm	NRC	SAA
-	35	50	0.95	
-	35	200	1.05	
-	35	400	0.90	0.92

Indoor Air Quality:

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

Carbon footprint: Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804

	kg CO ₂ equiv/m ²
Super G A 20mm	3,28
Super G A 35mm	4,90

Circularity: Minimum post-consumer recycled content (35 mm Super G A): 51%, Minimum post-consumer recycled content (20 mm Super G A): 42%, Recyclability: Fully recyclable,

Fire safety: 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 085. Nearest NCS colour sample: S 1002-Y. Light reflectance: 78%.

Cleanability: Daily dusting and vacuum cleaning. Weekly wet wiping.

Accessibility: The tiles are not demountable.

Installation: Installed according to installation diagrams, installation guides and drawing aid. (The tiles have to be installed according to the arrows on the back of the tile.)

Packaging information: Information is indicative and subject to change. 600x600x20: A, 28, 10.08, 1200x600x20: A, 14, 10.28, 600x600x35: A, 20, 7.20, 1200x600x35: A, 10, 7.20, 1600x600x35: A, 6, 5.76, 1800x600x35: A, 6, 6.48, 2000x600x35: A, 6, 7.20, 2400x600x35: A, 6, 8.64,

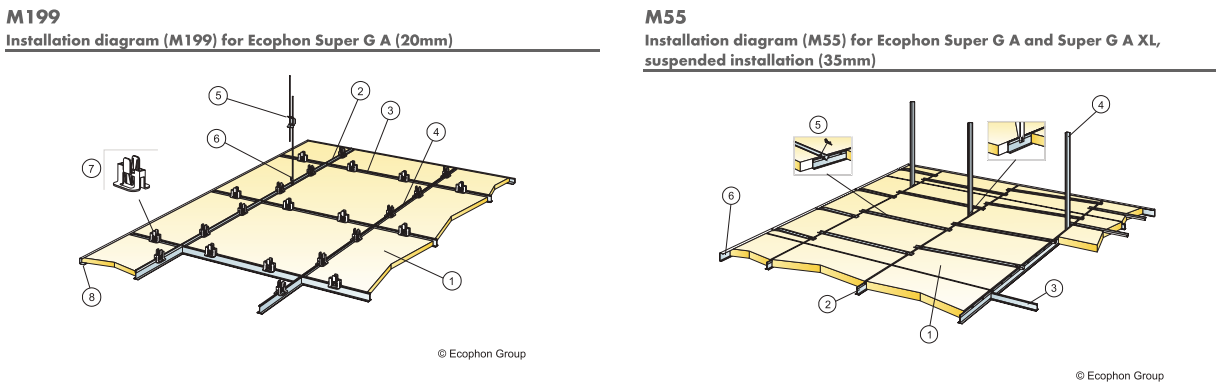
System weight: Weight information is indicative and subject to variation. Super G A 20 mm: 1,7, Super G A 20 mm + Connect Grid System: 2,7, Super G A 35 mm: 2,6, Super G A 35 mm + Connect Grid System: 3,6,

Mechanical properties: See table regarding the min- and max- load bearing capacities and functional demands.

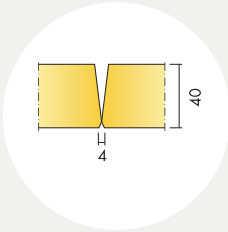
Impact Resistance: Tested and classified according to EN 13964 annex D. 20: M199, 3A, 35: M55, 2A,

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

Installation diagram in detail www.ecophon.com



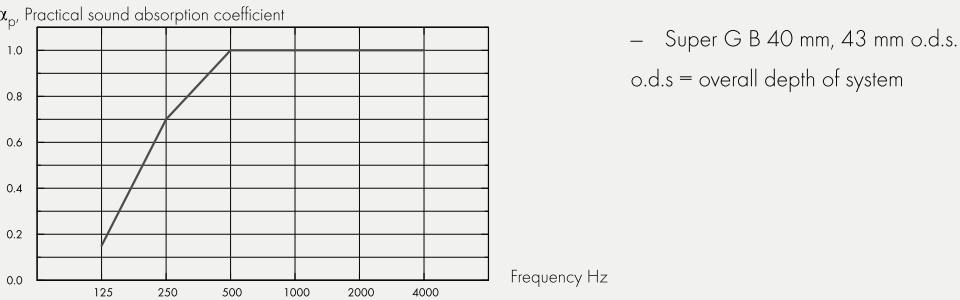
Ecophon Super G™ B



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.



THK mm	o.d.s. mm	α_p , Practical sound absorption coefficient						α_w	Sound absorption class
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
40	43	0.15	0.70	1.00	1.00	1.00	1.00	1.00	A

	THK mm	o.d.s. mm	NRC	SAA
-	40	43	0.95	0.95

Indoor Air Quality:

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

Carbon footprint: Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804

	kg CO ₂ equiv/m ²
Super G B	6,57

Circularity: Minimum post-consumer recycled content: 58%, Recyclability: Fully recyclable,

Fire safety: 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 085. Nearest NCS colour sample: S 1002-Y. Light reflectance: 78%.

Cleanability: Daily dusting and vacuum cleaning. Weekly wet wiping.

Accessibility: The tiles are not demountable.

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. Install tiles according to arrows.

Packaging information: Information is indicative and subject to change. 600x600x40: B, 10, 3.60, 1200x600x40: B, 14, 4.32,

System weight: Weight information is indicative and subject to variation. Super G B: 3,7,

Mechanical properties: See table regarding the min- and max- load bearing capacities and functional demands. Additional live load has to be fixed to the soffit.

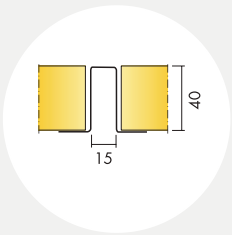
Impact Resistance: Tested and classified according to EN 13964 annex D and fulfill the demands corresponding to DIN 18032 part 3. Adding installations to the system might affect the systems impact resistance. M298: 1A, M487: 1A,

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

Installation diagram in detail www.ecophon.com

M298
Installation diagram (M298) for Ecophon Super G B, using Connect Absorber glue

M487
Installation diagram (M487) for Ecophon Super G B with Screw and washer

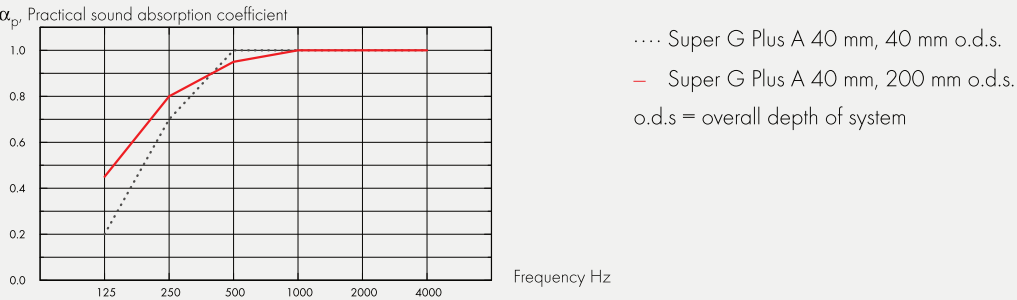


Ecophon Super G™ Plus A

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.



THK mm	o.d.s. mm	α_p , Practical sound absorption coefficient						α_w	Sound absorption class
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
40	40	0.20	0.70	1.00	1.00	1.00	1.00	1.00	A
40	200	0.45	0.80	0.95	1.00	1.00	1.00	1.00	A

	THK mm	o.d.s. mm	NRC	SAA
-	40	40	0.95	0.95
-	40	200	0.90	0.89
-	40	400	0.85	0.87

Indoor Air Quality:

Certificate / Label

Eurofins Indoor Air Comfort®	IAC Gold
French VOC	A+

Carbon footprint: Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804

	kg CO ₂ equiv/m ²
Super G Plus A	7,73

Circularity: Minimum post-consumer recycled content: 57%, Recyclability: Fully recyclable,

Fire safety: 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 085. Nearest NCS colour sample: S 1002-Y. Light reflectance: 78%.

Cleanability: Daily dusting and vacuum cleaning. Weekly wet wiping.

Accessibility: The tiles are not demountable.

Installation: Installed according to installation diagrams, installation guides and drawing aid. (The tiles have to be installed according to the arrows on the back of the tile.)

Packaging information: Information is indicative and subject to change. 1200x600x40: A, 6, 4.32,

System weight: Weight information is indicative and subject to variation. Super G Plus A: 3,7, Super G Plus A + Connect Grid System: 4,7,

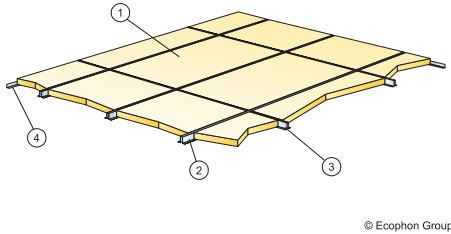
Mechanical properties: See table regarding the min- and max- load bearing capacities and functional demands.

Impact Resistance: Tested and classified according to EN 13964 annex D and fulfill the demands corresponding to DIN 18032 part 3. Adding installations to the system might affect the systems impact resistance. M115: 1A, M693: 1A,

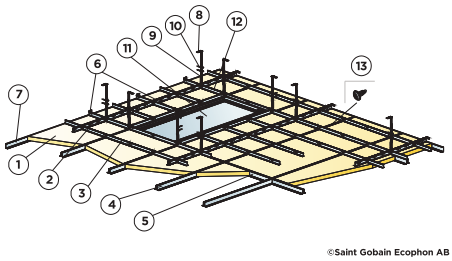
CE: Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

Installation diagram in detail www.ecophon.com

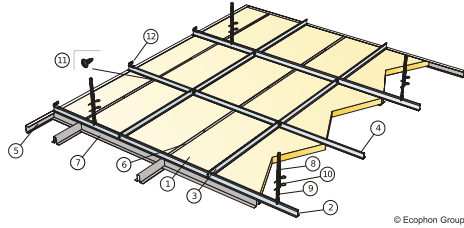
M115
Installation diagram (M115) for Ecophon Super G Plus A, direct installation

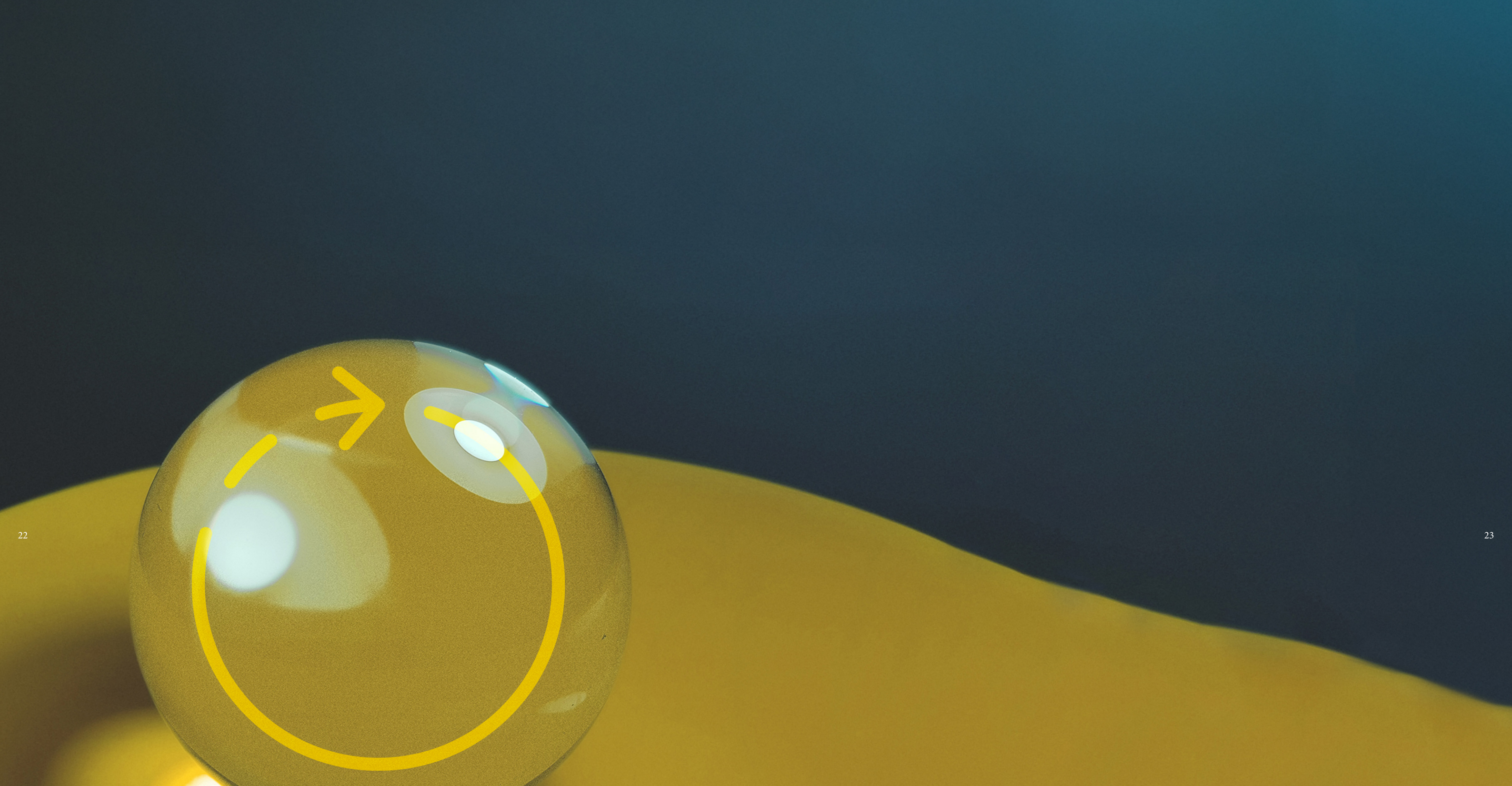


M693
Installation diagram (M693) for Ecophon Super G Plus A, suspended installation



M527
Installation diagram (M527) for Ecophon Super G Plus A, suspended installation





Sustainability

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 standardised, 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 favourable 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 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.



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