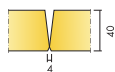


ECOPHON SUPER G™ B

Ecophon Super G™ B has bonded tiles edge to edge, directly to the soffit surface. The bevelled edge creates a narrow groove between each tile to offer a smooth appearance. For applications where the minimum possible overall depth of system is required and there's risk of high mechanical impact.

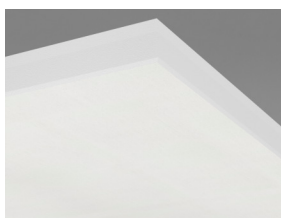


Ecophon Super G™ B



SYSTEM RANGE

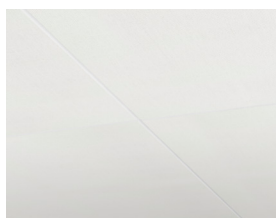
Size, mm	600x600
Direct	•
Thickness	40
Inst. Diagr.	M298, M487



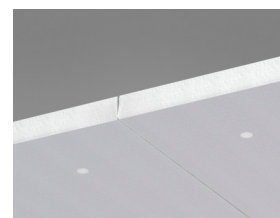
Super G B tile



Section of Super G B system



Super G B system



Section of Super G B system with screws

TYPE OF APPLICATION

- Additional areas
- Education

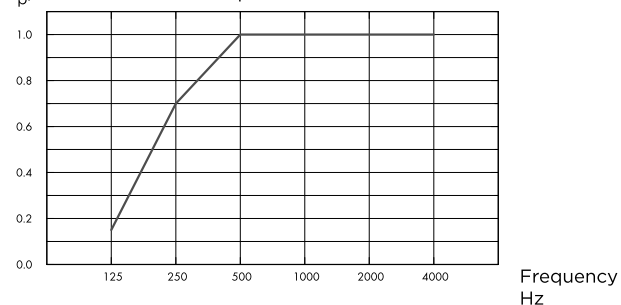


ACOUSTIC

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.

α_p , Practical sound absorption coefficient



— Super G B 40 mm, 43 mm o.d.s.
o.d.s = overall depth of system

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.

Country	Fire standard	Class
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.



CHEMICAL RESISTANCE/DISINFECTION

Tested according to ISO 11998 and withstands the following chemicals or disinfectants.

Chemical	Active Substance	Concentration
Chlorine	Sodium Hypochlorite solution	2,5%
Virkon S	Dipotassium peroxodisulphate; Sulphamic acid	1%
Isopropanol	Isopropyl Alcohol	70%



ACCESSIBILITY

The tiles are non-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.

	Edge	Panels / crt	m ² / crt
600x600x40	B	10	3.60
1200x600x40	B	14	4.32



SYSTEM WEIGHT

Weight information is indicative and subject to variation.

	kg/m ²
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.

M-sketch	Classification
M298	1A
M487	1A



CE

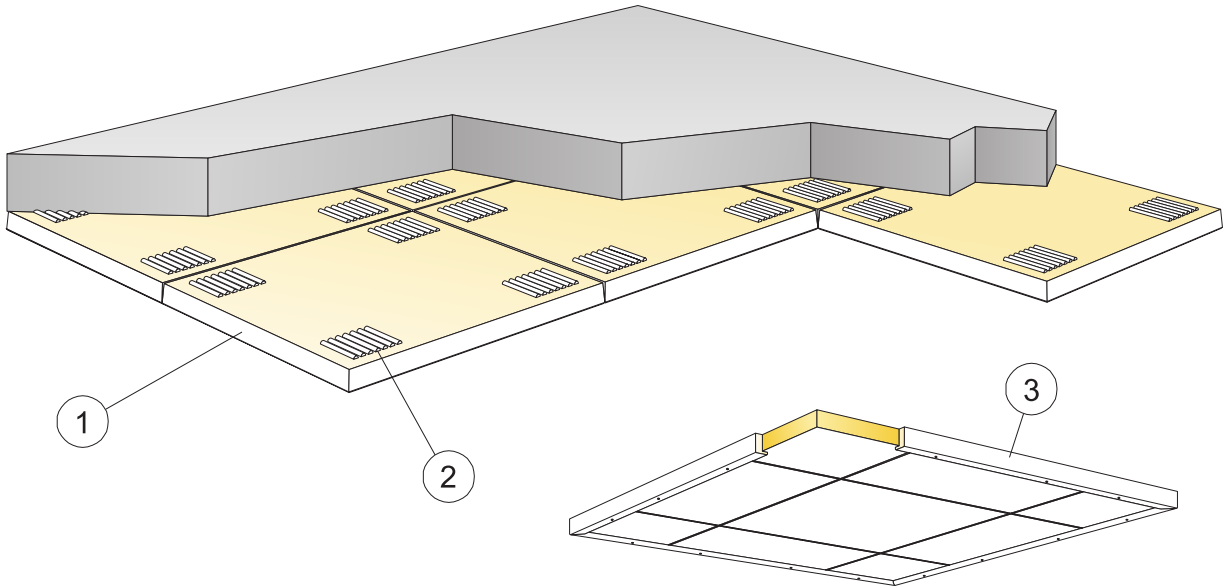
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

COLOURS AND DESIGN

Super G white



Glued installation

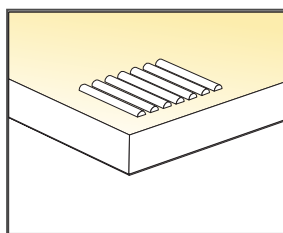
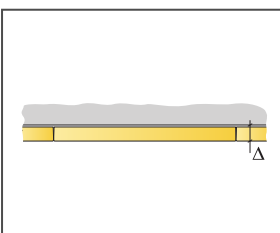


© Ecophon Group

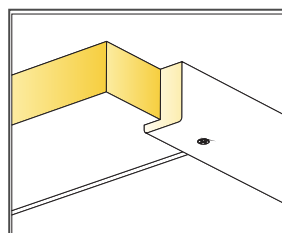
Installation diagram (M298) for Ecophon Super G B, using Connect Absorber glue

Quantity specification (excl. wastage)

	Size, mm
	600x600
1 Super G B	2,8/m ²
2 Connect Absorber glue (0,25 l/m ² - 0,4 l/m ² depending on installation conditions) (10 Litres)	as required
3 For use when installing in islands: Connect Wood trim 2571, L=3000, fixed at 500 mm centres	as required
Use Connect Notched spatula to apply the glue.	
Δ Min. overall depth of system: 43 mm	
δ Min. demounting depth: The system is non-demountable	
Cut visible edges should be painted	



Application of glue

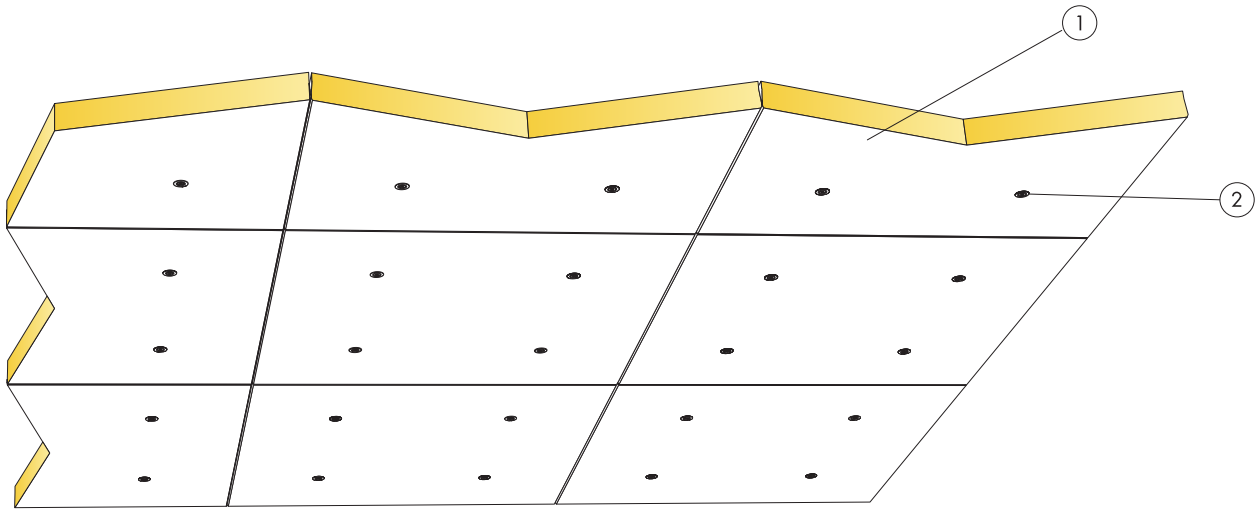


Wood trim for floating installation

Size, mm	Max live load (N)	Min load bearing capacity (N)
600x600x40	-	-

Live load/load bearing capacity

Screwed installation

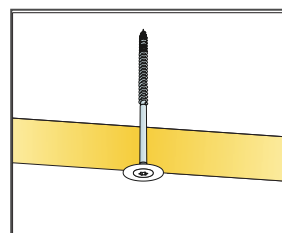
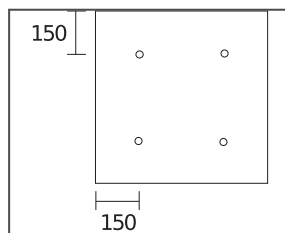
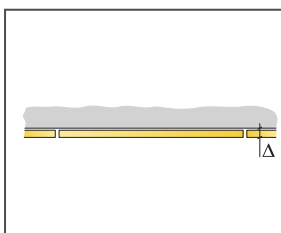


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Installation diagram (M487) for Ecophon Super G B with Screw and washer

Quantity specification (excl. wastage)

		Size, mm
		600x600
1	Super G B	2,8/m ²
2	Connect Absorber screw SuperGB	11,1/m ²
Δ Min. overall depth of system: 43 mm		
δ Min. demounting depth: The system is non-demountable		
Cut visible edges should be painted		



Panel with Connect Absorber screw Super G B

Size, mm	Max live load (N)	Min load bearing capacity (N)
600x600x40	-	-

Live load/load bearing capacity