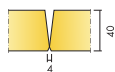


ECOPHON SUPER G™ B

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.

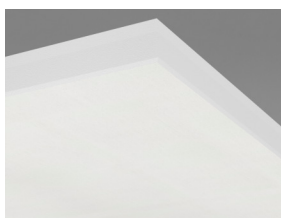


Ecophon Super G™ B



SYSTEM RANGE

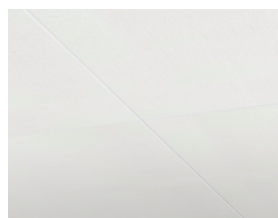
| Size, mm | 600x600 |
|-----------------|------------|
| Direct | • |
| Thickness (THK) | 40 |
| Inst. Diagr. | M298, M487 |



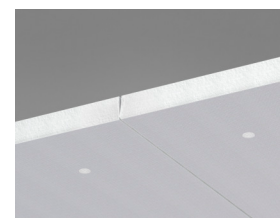
Super G B tile



Section of Super G B system



Super G B system



Section of Super G B system with screws

TYPE OF APPLICATION

- Additional areas
- Education

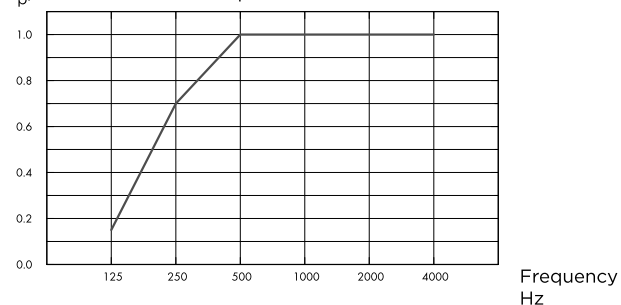


ACOUSTICS

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.



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.

| | 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

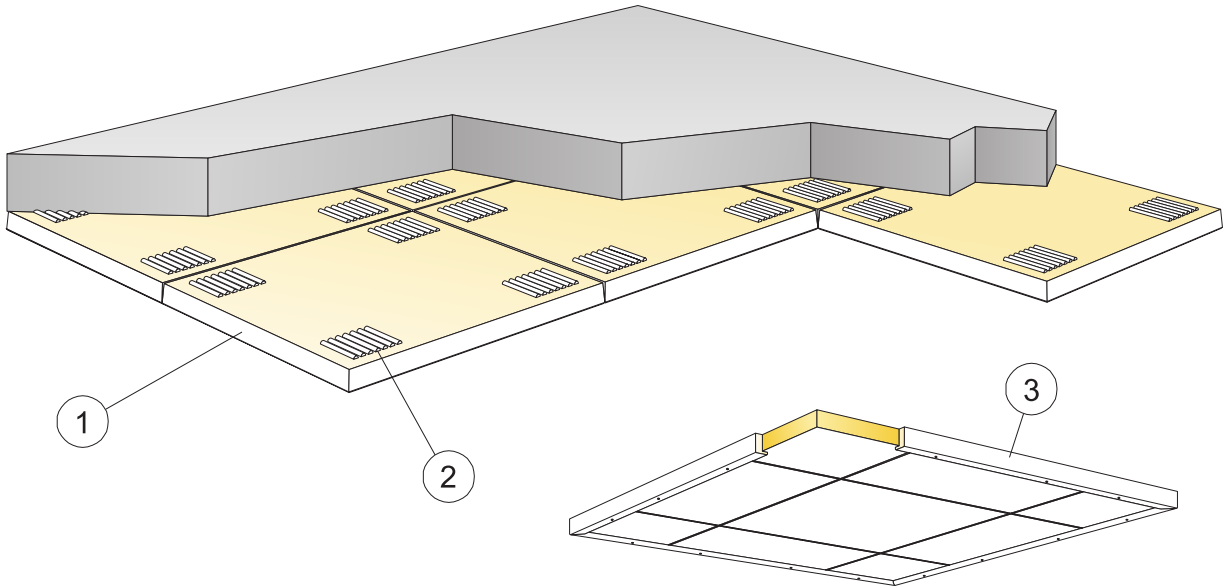
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

COLOURS AND DESIGN

Super G white



Glued installation

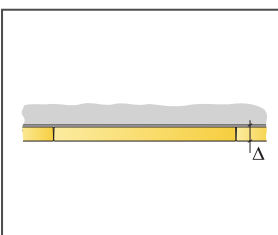


© Ecophon Group

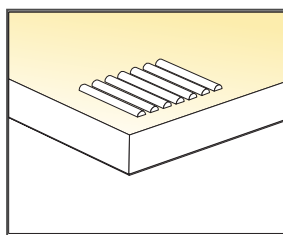
Installation diagram (M298) for Ecophon Super G B, using Connect Absorber glue

Quantity specification (excl. wastage)

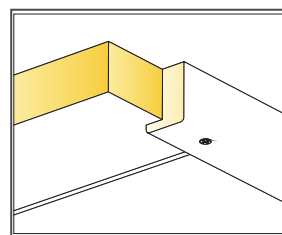
| | Size, mm |
|---|--------------------|
| | 600x600 |
| 1 Super G B | 2,8/m ² |
| 2 Connect Absorber glue (0,25 l/m ² - 0,4 l/m ² depending on installation conditions) | as required |
| 3 When installing floating ceilings: Connect Wood trim, L=3000, fixed at 500 mm centres | as required |
| Use Connect Notched spatula to apply the glue. | |
| Δ Min. overall depth of system: 43 mm | |
| δ Min. demounting depth: The system is not demountable | |
| Visible edges should be painted | |



See Quantity specification



Application of glue

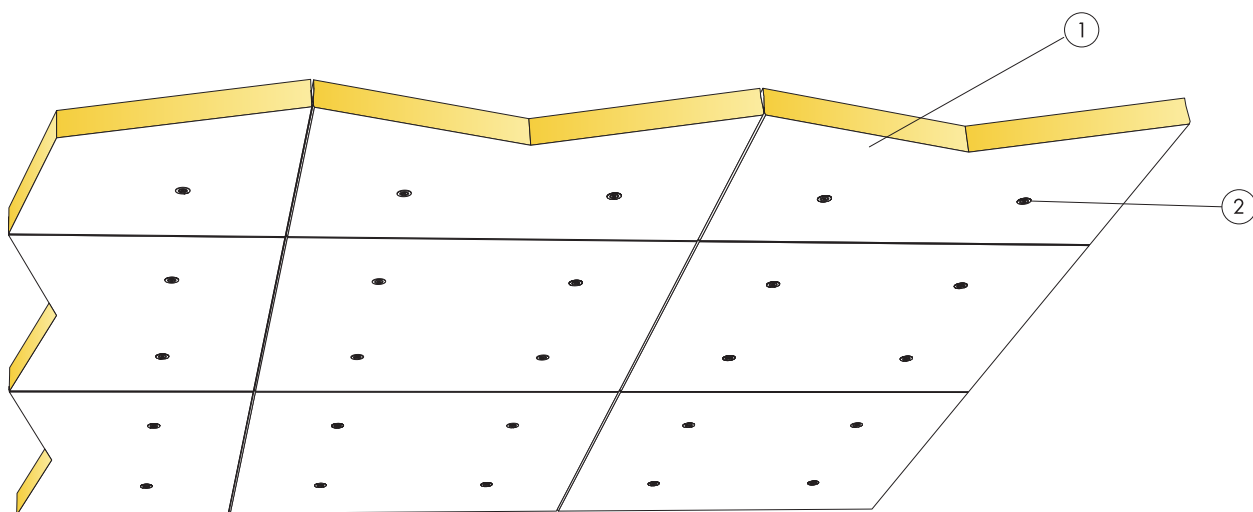


Wood trim for floating installation

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

Live load/load bearing capacity

Screwed installation

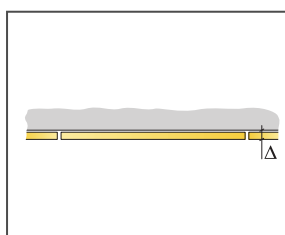


© Ecophon Group

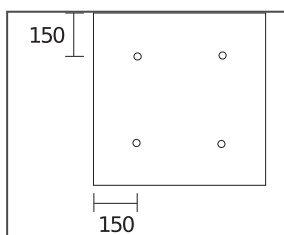
Installation diagram (M487) for Ecophon Super G B with Screw and washer

Quantity specification (excl. wastage)

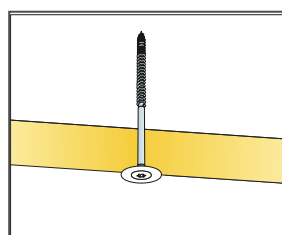
| | | Size, mm |
|--|--------------------------------|---------------------|
| | | 600x600 |
| 1 | Super G B | 2,8/m ² |
| 2 | Connect Absorber screw SuperGB | 11,1/m ² |
| Δ Min. overall depth of system: 43 mm | | |
| δ Min. demounting depth: The system is not demountable | | |
| Visible edges should be painted | | |



See Quantity specification



Position of screws size 600x600



Panel with Connect Absorber screw SuperGB

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

Live load/load bearing capacity